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TABLE OF CONTENTS

3D NANO-FABRICATION OF METALLIC NANO-STRUCTURES	1
<i>Satoshi Kawata</i>	
WRITING OF BIO-COMPATIBLE SILK PATTERNS: 3D LASER NANO-PRINTING	2
<i>Ksenia Maximova ; Xuewen Wang ; Armandas Balcytis ; Jingliang Li ; Saulius Juodkazis</i>	
HIGH-PRECISION 3D PRINTING FOR THE FABRICATION OF PHOTONIC ELEMENTS	4
<i>B. Stender ; A. Krupp ; D. Kühn ; M. Esslinger ; S. Steenhusen ; R. Houbertz</i>	
PLANAR MICROPARTICLE ASSEMBLY AND PHOTOPOLYMERIZED JOINING WITH HOLOGRAPHIC OPTICAL TWEEZERS	6
<i>L. Shaw ; S. Chizari ; R. M. Panas ; M. Shusteff ; C. Spadaccini ; J. B. Hopkins</i>	
UNIBODY, COMPACT, AND LIGHTWEIGHT Q-SWITCHED LASERS ENABLED BY ADDITIVE MANUFACTURING	8
<i>Shuo Li ; Bryan Nelsen ; Rongzhang Chen ; Kevin Chen</i>	
ADDITIVE MANUFACTURING FOR OPTICAL NETWORK COMPONENTS	10
<i>M. Riester ; A. Krupp ; D. Kühn ; R. Houbertz ; S. Steenhusen</i>	
3D PRINTING OF THERMOPLASTICS WITH HIGHER STRENGTH USING SWIR-SUPERCONTINUUM LASER	12
<i>Ramon A. Martinez ; Kaiwen Guo ; Colleen L. Flanagan ; Chitrarekha Chaudhauri ; Mohammed N. Islam ; Scott J. Hollister</i>	
BEAM STEERING IN HIGHLY COHERENT IMPLANT-DEFINED VERTICAL CAVITY SURFACE EMITTING LASER ARRAY	14
<i>Meng Xun ; Chen Xu ; Yiyang Xie ; Guoqing Jiang ; Guanzhong Pan ; Yibo Dong ; Hongda Chen</i>	
HIGH-RESOLUTION ON-CHIP SPECTROMETER WITH A TUNABLE MICRO-RING RESONATOR FILTER	16
<i>Shaonan Zheng ; Hong Cai ; Yuan Dong Gu ; Lip Ket Chin ; Ai Qun Liu</i>	
CAVITY RING DOWN FARADAY ROTATION SPECTROSCOPY FOR OXYGEN DETECTION	18
<i>Jonas Westberg ; Brian Siller ; Marten Beels ; Helen Waechter ; Gerard Wysocki</i>	
OPTIMAL TUNING FORK FOR QUARTZ ENHANCED PHOTOACOUSTIC SPECTROSCOPY	20
<i>G. Aoust ; R. Levy ; M. Raybaut ; J. -M. Melkonian ; B. Bourgeteau ; A. Godard ; M. Lefebvre</i>	
UV-LED BASED FIBER-OPTIC SENSOR SYSTEM FOR GAS ANALYSIS	22
<i>A. Kramer ; M. Porus ; Th. A. Paul</i>	
ON-CHIP FOURIER TRANSFORM SPECTROMETER FOR CHEMICAL SENSING APPLICATIONS	24
<i>Shaonan Zheng ; Hong Cai ; Yuan Dong Gu ; Lip Ket Chin ; Ai Qun Liu</i>	
SPECTRUM ENGINEERING FOR RECONSTRUCTIVE SPECTROMETRY	26
<i>Eric Huang ; Qian Ma ; ZhaoWei Liu</i>	
CHARACTERIZATION OF SPECTRAL AND TEMPORAL PROPERTIES OF PLASMA-BASED XUV LASER PULSES	28
<i>A. Klisnick ; A. Le Marec ; C. Bourassin-Bouchet ; D. Cubaynes ; O. Guilbaud ; O. Larroche</i>	
EUV/X-RAY MULTILAYER OPTICS: MEETING THE CHALLENGES OF NEXT-GENERATION APPLICATIONS	30
<i>Regina Soufli ; Jeff Robinson ; Eberhard Spiller ; Monica Fernández-Perea ; Eric Gullikson</i>	
STRAIN SENSING WITH A DISTURBANCE/RF-CONVERTING FIBER COMB CAVITY	32
<i>T. Yasui ; T. Ogura ; T. Minamikawa ; Y. Nakajima ; K. Minoshima</i>	
VERSATILE CHARACTERIZATION OF A DFG COMB SHOWING QUADRATIC FREQUENCY SCALING OF THE PHASE NOISE	34
<i>Thomas Puppe ; Russell Kliese ; Alexander Sell ; Nazanin Hoghooghi ; Felix Rohde ; Armin Zach ; Wilhelm Kaenders</i>	
ALL-POLARIZATION-MAINTAINING, POLARIZATION-MULTIPLEXED, DUAL-FREQUENCY, MODE-LOCKED FIBER LASER	35
<i>M. Kolano ; D. Molter ; F. Ellrich ; G. Von Freymann</i>	
LONG DISTANCE MEASUREMENT BY PULSE-TO-PULSE ALIGNMENT BASED ON OSCAT	37
<i>Hanzhong Wu ; Fumin Zhang ; Xinghua Qu</i>	
OPTICAL COMMUNICATION COMPONENTS CHARACTERIZATION USING ELECTRO-OPTIC DUAL-COMBS	39
<i>Pedro Martin-Mateos ; Borja Jerez ; Estefanía Prior ; Cristina De Dios ; Pablo Acedo</i>	
ULTRAFAST ELECTROOPTIC DUAL-COMB INTERFEROMETRY OVER 40-NM BANDWIDTH	41
<i>V. Durán ; V. Torres-Company</i>	
SELF-REFERENCED, CHIPSCALE KERR FREQUENCY COMB WITHOUT EXTERNAL BROADENING	43
<i>Victor Brasch ; Erwan Lucas ; John D. Jost ; Michael Geiselmann ; Tobias J. Kippenberg</i>	
WAVELENGTH DETECTION AT SUB-FEMTOMETER RESOLUTION AND APPLICATION TO LASER STABILIZATION	45
<i>Nikolaus Klaus Metzger ; Roman Spesyvtsev ; Michael Mazilu ; Bill Miller ; Graeme Malcolm ; Kishan Dholakia</i>	
METROLOGIES SUPPORTING EUV LITHOGRAPHY	47
<i>Patrick Naulleau</i>	
NEW DEVELOPMENTS IN HIGH HARMONIC GENERATION AND APPLICATIONS IN IMAGING AND MATERIALS SCIENCE	48
<i>Margaret Murnane</i>	

THE FERMI FREE-ELECTRON LASER	49
<i>Eléonore Roussel</i>	
HIGH-POWER, HIGH-REPETITION-RATE PULSED CO₂ LASERS AND THEIR APPLICATION IN EUV LITHOGRAPHY SOURCES	51
<i>Yezheng Tao ; Alex Schafgans ; Slava Rokitski ; Michael Kats ; Jayson Stewart ; Jonathan Grava ; Palash Das ; Lukasz Urbanski ; Mike Purvis ; Mike Vargas ; Spencer Rich ; Mathew Abraham ; Phil Conklin ; Rob Rafac ; Rick Sandstrom ; Igor Fomenkov ; David Brandt ; Daniel Brown</i>	
THE RISING OF THE SUPERCONTINUUM	53
<i>J. M. Stone</i>	
FULLY STABILIZED NARROW LINEWIDTH 750-MHZ YB FIBER LASER FREQUENCY COMB	55
<i>Bo Xu ; Hideaki Yasui ; Yoshiaki Nakajima ; Yuxuan Ma ; Zhigang Zhang ; Kaoru Minoshima</i>	
SUPERCONTINUUM GENERATION IN ALGAAS-ON-INSULATOR NANO-WAVEGUIDE AT TELECOM WAVELENGTHS	57
<i>Minhao Pu ; Hua Ji ; Hao Hu ; Luisa Ottaviano ; Elizaveta Semenova ; Pengyu Guan ; Leif K. Oxenlowe ; Kresten Yvind</i>	
SUPERCONTINUUM GENERATION IN MICROSTRUCTURED ZBLAN FIBRE WITH SIX NANOBORE CORES	59
<i>X. Jiang ; N. Y. Joly ; M. A. Finger ; F. Babic ; R. Sopalla ; M. H. Frosz ; S. Poulain ; M. Poulain ; V. Cardin ; J. C. Travers ; P. St. J. Russell</i>	
ULTRA-BROADBAND SUPERCONTINUUM GENERATION AT TELECOMMUNICATION WAVELENGTHS IN DISPERSION ENGINEERED STOICHIOMETRIC SI₃N₄ WAVEGUIDES	61
<i>Florian Schepers ; Marco A. G. Porcel ; Jörn P. Epping ; Tim Hellwig ; Marcel Hoekman ; Richard Mateman ; Arne Leinse ; Rene G. Heideman ; Albert Van Rees ; Peter J. M. Van Der Slot ; Chris J. Lee ; Robert Schmidt ; Rudolf Bratschitsch ; Klausjochen Boller ; Carsten Fallnich</i>	
INTENSE COHERENT SUPERCONTINUUM VIA IR PULSE PROPAGATION IN MULTIPLE THIN PLATES	63
<i>Daniel Thrasher ; Chih-Hsuan Lu ; Chia-Lun Tsai ; Yi-Hsun Tseng ; Ming-Chang Chen ; Shang-Da Yang ; A. H. Kung</i>	
SINGLE-PHOTON-SENSITIVE SOLID-STATE IMAGE SENSORS FOR FLASH LIDAR	65
<i>Brian F. Aull</i>	
A METHANE LIDAR FOR GREENHOUSE GAS MEASUREMENTS	67
<i>Author Haris Riris ; Kenji Numata ; Stewart Wu ; Brayler Gonzalez ; Mike Rodriguez ; Fahey Molly ; Anthony Yu ; Mark Stephen ; Jianping Mao</i>	
DETECTION OF GREENHOUSE GAS (N₂O) USING INTRACAVITY ABSORPTION SPECTROSCOPY (ICAS)	69
<i>Jonas K. Valiunas ; Gautam Das</i>	
HIGH PEAK POWER SINGLE-FREQUENCY MOPFA FOR LIDAR APPLICATIONS	71
<i>G. Canat ; B. Augère ; C. Besson ; A. Dolfi-Bouteyre ; A. Durécu ; D. Goular ; J. Le Gouët ; L. Lombard ; C. Planchat ; M. Valla</i>	
IMAGING FUNCTIONAL MATURATION OF PANCREATIC BETA-CELLS AND NEURONAL CIRCUIT ACTIVITY IN ZEBRAFISH IN VIVO USING TWO-PHOTON THREE-AXIS DIGITAL SCANNED LIGHTSHEET MICROSCOPY	73
<i>Weijian Zong ; Jia Zhao ; Runlong Wu ; Fuzeng Niu ; Yi Wu ; Yunfeng Zhang ; Aimin Wang ; Yanmei Liu ; Yujie Sun ; Liangyi Chen</i>	
LIGHT SHEET MICROSCOPY WITH WAVEFRONT CODING FOR FAST VOLUMETRIC IMAGING OF BIOLOGICAL SAMPLES	74
<i>Omar E. Olarte ; Jordi Andilla ; Jacob Licea-Rodriguez ; David Artigas ; Pablo Loza-Alvarez</i>	
HOLOGRAPHIC FLUORESCENCE MICROSCOPY WITH SELF-INTERFERENCE INCOHERENT DIGITAL HOLOGRAPHY	76
<i>Changwon Jang ; Seungjae Lee ; Myung K. Kim ; Byoungcho Lee</i>	
COHERENCE SWITCHING OF A DEGENERATE VECSEL FOR MULTIMODALITY IMAGING	78
<i>Sebastian Knitter ; Changgeng Liu ; Brandon Redding ; Michael A. Choma ; Hui Cao</i>	
SWIR SUPER-CONTINUUM LASER FOR ACTIVE ILLUMINATION IN HYPER-SPECTRAL IMAGING	80
<i>Mohammed N. Islam</i>	
OCTAVE BROADBAND SUPERCONTINUUM GENERATION IN GAS-FILLED ANTI-RESONANT HOLLOW-CORE FIBER	82
<i>M. Zürich ; R. Sollapur ; A. Hoffmann ; G. Sauer ; A. Hartung ; D. Kartashov ; M. Schmidt ; C. Spielmann</i>	
IN-FIBER MONOMODE OCTAVE-SPANNING OAM SUPERCONTINUUM	84
<i>G. Prabhakar ; P. Gregg ; L. Rishoj ; S. Ramachandran</i>	
HIGH SNR GLUCOSE MONITORING USING A SWIR SUPER-CONTINUUM LIGHT SOURCE	86
<i>Kaiwen Guo ; Ramon A. Martinez ; Mike Freeman ; Hitinder S. Gurm ; Mohammed N. Islam</i>	
HIGH-RESOLUTION OPTICAL COHERENCE MICROSCOPY USING HIGHPOWER SUPERCONTINUUM SOURCE IN 1700 NM SPECTRAL BAND	88
<i>Masahito Yamanaka ; Tatsuhiko Teranishi ; Hiroyuki Kawagoe ; Norihiko Nishizawa</i>	
NON- TOPOGRAPHIC SPACE-BASED LASER REMOTE SENSING	90
<i>Anthony W. Yu ; James B. Abshire ; Haris Riris ; Michael Purucker ; Diego Janches ; Stephanie Getty ; Michael A. Krainak ; Mark A. Stephen ; Jeffrey R. Chen ; Steve X. Li ; Kenji Numata ; Molly E. Fahey ; Stewart Wu ; Graham R. Allan ; Oleg Konoplev</i>	
SENSING THOROUGH OBSCURANTS — USING FLUCTUATIONS IN STOCHASTIC COHERENT SCATTERING	91
<i>Milad I. Akhlaghi ; Aristide Dogariu</i>	
PICOMETER-RESOLUTION, DUAL-COMB SPECTROSCOPY BASED ON A DUAL-WAVELENGTH MODE-LOCKED FIBER LASER	93
<i>Xin Zhao ; Bofeng Zhao ; Guoqing Hu ; Cui Li ; Yingling Pan ; Ya Liu ; Takeshi Yasui ; Zheng Zheng</i>	

HIGH-RESOLUTION, DUAL-COMB SPECTROSCOPY ENABLED BY A POLARIZATION-MULTIPLEXED, DUAL-COMB FEMTOSECOND FIBER LASER	95
<i>Ya Liu ; Xin Zhao ; Bofeng Zhao ; Zijun Yao ; Zheng Gong ; Takeshi Yasui ; Lin Zhang ; Zheng Zheng</i>	
A CHIP-SCALE SUB-$\mu\text{G}/\text{HZ}^{1/2}$ OPTOMECHANICAL DC ACCELEROMETER AT THE THERMODYNAMICAL LIMIT	97
<i>Jaime Gonzalo Flor Flores ; Yongjun Huang ; Ying Li ; Ziqiang Cai ; Vito Iaia ; Mingbin Yu ; Dim-Lee Kwong ; Layne Churchill ; Chee Wei Wong</i>	
IN VIVO BRAIN IMAGING WITH ADAPTIVE OPTICAL MICROSCOPE	99
<i>Kai Wang ; Wenzhi Sun ; Na Ji ; Eric Betzig</i>	
3D SUPER-RESOLUTION LABEL-FREE IMAGING	101
<i>Ivan Kassamakov ; Anton Nolvi ; Edward Hægström</i>	
LASER-PARTICLE STIMULATED EMISSION (LASE) MICROSCOPY WITH SUPER RESOLUTION	103
<i>Sangyeon Cho ; Matjaž Humar ; Seok-Hyun Yun</i>	
SPARSITY-BASED SUPER-RESOLUTION OPTICAL FLUCTUATION IMAGING	105
<i>Oren Solomon ; Maor Mutzafi ; Xiyu Yi ; Shimon Weiss ; Yonina C. Eldar ; Mordechai Segev</i>	
ULTRAFAST FLUORESCENCE MICROSCOPY BY FREQUENCY-DIVISION-MULTIPLEXED MULTI-LINE FOCUSING	107
<i>Hideharu Mikami ; Hirofumi Kobayashi ; Syed Hamad ; Yasuyuki Ozeki ; Keisuke Goda</i>	
MULTIPLEXED COLOR IMAGING USING DEMOSAICED PIXEL SUPER-RESOLUTION	109
<i>Yichen Wu ; Yibo Zhang ; Luo Wei ; Aydogan Ozcan</i>	
CHARACTERIZATION OF A NEW FREQUENCY TUNING AND MODULATION MECHANISM FOR SPECTROSCOPY IN A QUANTUM CASCADE LASER	111
<i>K. Gürel ; S. Schilt ; A. Bismuto ; Y. Bidaux ; C. Tardy ; S. Blaser ; T. Gresch ; T. Südmeyer</i>	
CASCADE DIODE LASERS GENERATING 2 W CW NEAR 2 μM	113
<i>Tao Feng ; Takashi Hosoda ; Leon Shterengas ; Gela Kipshidze ; Gregory Belenky</i>	
HYBRID COLLOIDAL QUANTUM DOT SILICON NITRIDE WAVEGUIDE GAIN MEASUREMENT BASED ON VARIABLE STRIPE LENGTH METHOD	115
<i>Yunpeng Zhu ; Weiqiang Xie ; Pieter Geiregat ; Suzanne Bisschop ; Tangi Aubert ; Edouard Brainis ; Zeger Hens ; Dries Van Thourhout</i>	
ON-CHIP GENERATION OF INFRARED ORBITAL ANGULAR MOMENTUM BEAMS USING A DIELECTRIC METAMATERIAL	117
<i>R. Szedlak ; T. Hisch ; M. Holzbauer ; D. Macfarland ; T. Zederbauer ; H. Detz ; A. M. Andrews ; W. Schrenk ; S. Rotter ; G. Strasser</i>	
MID-INFRARED BROADBAND ABSORBER OF FULL SEMICONDUCTOR EPI-LAYERS	119
<i>Shaohua Wang ; Yufei Wang ; Siriguleng Zhang ; Wanhua Zheng</i>	
MEMS-BASED DEFORMABLE MIRRORS IN INDUSTRIAL LASER SYSTEMS	121
<i>Michael A. Helmbrecht ; Pamela F. Caton ; Carl J. Kempf ; Min He ; Franck Marchis</i>	
TALBOT INTERFERENCE LITHOGRAPHY WITH TABLE-TOP EXTREME ULTRAVIOLET LASER	123
<i>Wei Li ; Chan Kyaw ; Willie Rockward ; Mario Marconi</i>	
SPATIAL SHAPING OF FEMTOSECOND LASER PULSES FOR IMPROVED MICROMACHINING EFFICIENCY	125
<i>Reece N. Oosterbeek ; Simon Ashforth ; Owen Bodley ; M. Cather Simpson</i>	
AN ORIENTED-DEPENDENCE-MICROLENS VISUALLY ALIGNED AND PACKAGED FOR LASERS TO POLARIZATION MAINTAINING FIBERS	127
<i>Chun-Nien Liu ; Wen-Hsuan Hsieh ; Ying-Chien Tsai ; Yi-Cheng Hsu ; Che-Hsin Lin ; Wood-Hi Cheng</i>	
ADHESION MECHANISM BETWEEN LASER SPUTTERED ALUMINUM NANO PARTICLES ON SI-WAFER BY ND:YAG LASER	129
<i>M. H. Azhdast ; H. J. Eichler ; K. -D. Lang ; V. Glaw</i>	
TOWARDS ALL-OPTICAL QUANTIFICATION OF CILIARY PHYSIOLOGY	131
<i>Brendan K. Huang ; Ikbal Sencan ; Ute A. Gamm ; Kevin Zhou ; Changgeng Liu ; Yong Bian ; Zhilong Cong ; Sebastian Knitter ; Hui Cao ; Michael Loewenberg ; Mustafa K. Khokha ; Michael A. Choma</i>	
FLORESCENT NANODIAMONDS FOR BIOMEDICAL APPLICATIONS	132
<i>Igor Aharonovich ; Kerem Bray ; Olga Shimoni</i>	
DEVELOPING NEW TOOLS AND PROBES TO VISUALIZE CHROMATIN DYNAMICS	133
<i>Shipeng Shao ; Sheng Wang ; Xuanze Chen ; Lei Chang ; Mian Wei ; Yujie Sun</i>	
HIGH-Q, HIGH SENSITIVITY AND WIDE BANDGAP LOW-INDEX-MODE ELLIPTICAL HOLES PHOTONIC CRYSTAL NANOBEAM CAVITIES BIOSENSORS	135
<i>Lijun Huang ; Jian Zhou ; Zhongyuan Fu ; Fujun Sun ; Huiping Tian</i>	
DEVELOPMENT OF THZ-μTAS FOR MEASUREMENT OF TRACE AMOUNT OF LIQUID	137
<i>Kazunori Serita ; Eiki Matsuda ; Kosuke Okada ; Iwao Kawayama ; Hironaru Murakami ; Masayoshi Tonouchi</i>	
OPEN-PATH CAVITY RING-DOWN SPECTROSCOPY SENSORS FOR ATMOSPHERIC MEASUREMENTS	139
<i>Azer P. Yalin ; Laura E. McHale ; Soran Shadman ; Charles Rose</i>	
A LOW-COST MINIATURIZED LASER HETERODYNE RADIOMETER (MINI-LHR) FOR NEAR-IR MEASUREMENTS OF CO₂ AND CH₄ IN THE ATMOSPHERIC COLUMN	141
<i>Emily L. Wilson</i>	
ANALYSIS OF NITRIC OXIDE ISOTOPES VIA DIFFERENTIAL FARADAY ROTATION SPECTROSCOPY	143
<i>Eric J. Zhang ; Daniel M. Sigman ; Gerard Wysocki</i>	
MONITORING OF ATMOSPHERIC METHANE AND ETHANE USING TWO CONTINUOUS-WAVE INTERBAND CASCADE LASERS	145
<i>Chuantao Zheng ; Chunguang Li ; Lei Dong ; Hongpeng Wu ; Yajun Yu ; Nancy P Sanchez ; Weilin Ye ; Frank K. Tittel ; Yiding Wang</i>	

CW EC-QCL BASED SENSOR FOR SIMULTANEOUS HOD/H₂O, N₂O AND CH₄ DETECTION BY MULTI-PASS ABSORPTION SPECTROSCOPY	147
<i>Yajun Yu ; Nancy P. Sanchez ; Robert J. Griffin ; Frank K. Tittel</i>	
HIGH POWER FAR-INFRARED ZGP OPO LASER	149
<i>Chuan-Peng Qian ; Ying-Jie Shen ; Bao-Quan Yao ; Xiao-Ming Duan ; You-Lun Ju ; Yue-Zhu Wang</i>	
HIGH POWER MID-INFRARED LASER SOURCES	151
<i>Daniel Creedon ; Leonard A. Pomeranz ; Casey Jones ; Benjamin R. Johnson ; Peter A. Ketteridge ; Michael Lemons ; Charles Ibach ; Peter A. Budni ; Kevin T. Zawilski ; Peter G. Schunemann ; Scott D. Setzler</i>	
INTERBAND CASCADE LASERS IN THE MIR FOR SENSING APPLICATIONS	153
<i>M. Fischer ; M. Von Edlinger ; J. Scheuermann ; S. Becker ; L. Nähle ; J. Koeth ; R. Weih ; M. Kamp ; S. Höfling</i>	
ENHANCEMENT OF DIFFUSION LENGTH AND OPTICAL QUALITY OF CR²⁺: ZNSE VIA ANNEALING IN VAPORS OF ZN	155
<i>Ozarfar Gafarov ; Alán Martínez ; Vladimir Fedorov ; Sergey Mirov</i>	
AGING STUDY OF WHITE HIGH POWER LED UNDER THERMAL AND ELECTRICAL STRESSES — NEW EXPERIMENTAL SETUP PROTOTYPE, PHOTOMETRIC AND ELECTRICAL CHARACTERIZATIONS	157
<i>Sovannarith Leng ; Laurent Canale ; Pascal Dupuis ; Georges Zissis</i>	
BIO-INSPIRED, NANOSTRUCTURED ANTI-REFLECTIVE SURFACES FOR LASER APPLICATIONS	159
<i>Z. Diao ; J. H. Dirks ; J. P. Spatz</i>	
MULTIMODAL BIOMEDICAL OPTOACOUSTIC IMAGING	161
<i>M. Jaeger ; K. G. Held ; H. G. Akarçay ; M. Frenz</i>	
THREE-DIMENSIONAL PHOTOACOUSTIC IMAGING USING ROBOTICALLY TRACKED TRANSRECTAL ULTRASOUND PROBE WITH ELEVATIONAL SYNTHETIC APERTURE FOCUSING	163
<i>Haichong K. Zhang ; Alexis Cheng ; Emad M. Boctor</i>	
A DIODE LASER SOURCES FOR PA IMAGING: AN ENABLING TECHNOLOGY FOR PORTABLE DEVICES	165
<i>Andreas Kohl ; Celine Canal ; Arnaud Laugustin ; Olivier Rabot</i>	
PHOTOACOUSTIC IMAGING SYSTEM USING LED LIGHT SOURCE	166
<i>Toshihika Agano ; Naoto Sato</i>	
THE USE OF DUAL-WAVELENGTH QUANTITATIVE PHOTOACOUSTICS FOR EVALUATION OF BONE PATHOLOGIES — A FIRST IN HUMAN STUDY	168
<i>Idan Steinberg ; Lihi Shiloh ; Israel Gannot ; Avishay Eyal</i>	
CATHETER TRACKING IN AN INTERVENTIONAL PHOTOACOUSTIC SURGICAL SYSTEM	170
<i>Alexis Cheng ; Younsu Kim ; Haichong K. Zhang ; Russell H. Taylor ; Emad M. Boctor</i>	
INNOVATIVE PHOTOACOUSTIC IMAGING TECHNOLOGY TO SUPPORT VASCULAR HEALTH SCIENCE	172
<i>Tsuyoshi Shiina</i>	
HIGHLY SENSITIVE INTRAVASCULAR PHOTOACOUSTIC IMAGING WITH A COLLINEAR CATHETER PROBE	174
<i>Yingchun Cao ; Jie Hui ; Ayeeshik Kole ; Pu Wang ; Weibiao Chen ; Michael Sturek ; Ji-Xin Cheng</i>	
PRECISION SPECTROSCOPY TO ENABLE TRACEABLE DYNAMIC MEASUREMENTS OF PRESSURE	176
<i>Zeeshan Ahmed ; Douglass Olson ; Kevin O. Douglass</i>	
TEMPORAL ENCODING OF SPECTRAL MODULATIONS IN CHIRPED PULSES	178
<i>N. H. Matlis ; A. Maksimchuk ; V. Yanovsky ; M. C. Downer</i>	
ULTRA-NARROW LINE FILTERS WITH ENHANCED TRANSMITTANCE FOR LOW-FREQUENCY RAMAN SPECTROSCOPY	180
<i>Vadim Smirnov ; Oleksiy Mokhun ; Valery Koulechov ; Oleg Smolski ; Alexei Glebov ; Leonid Glebov</i>	
THE STUDY OF SPECTRAL CAMERA BASED ON GHOST IMAGING VIA SPARSITY CONSTRAINTS WITH SUNLIGHT ILLUMINATION	182
<i>Zhentao Liu ; Shiyu Tan ; Jianrong Wu ; Enrong Li ; Shensheng Han</i>	
EXTERNAL MODULATION TECHNIQUE FOR THE GENERATION OF STRICT LINEARLY CHIRPED CONTINUOUS WAVES	184
<i>Zhaoyu Lu ; Yingkai Lv ; Chunfeng Ge ; Zhaoying Wang ; Tianxin Yang</i>	
COMPACT WAVELENGTH DETECTION SYSTEM BASED ON A GRADIENT GRATING PERIOD GUIDED-MODE RESONANCE FILTER	186
<i>Hsin-An Lin ; Hsin-Yun Hsu ; Cheng-Sheng Huang</i>	
SPECTROSCOPY AND IMAGING USING A MID-IR QUANTUM CASCADE OPTICAL COHERENCE TOMOGRAPHY (OCT) SYSTEM	188
<i>Deborah Varnell ; Mei Chai Zheng ; Martin Chow ; Claire Gmachl</i>	
DESIGN FOR HIGH EFFICIENCY FULL SPECTRUM PHOTOVOLTAICS	190
<i>Harry Atwater</i>	
ENHANCING THE EFFICIENCY OF THERMOPHOTOVOLTAICS WITH PHOTON RECYCLING	191
<i>T. Patrick Xiao ; Gregg Scranton ; Vidya Ganapati ; John Holzrichter ; Per Peterson ; Eli Yablonovitch</i>	
HYBRID CASCADE-TYPE ENERGY CELL FOR HARVESTING SOLAR AND MECHANICAL ENERGY	193
<i>Guocheng Liu ; Dayan Ban</i>	
FREEFORM AND THIN-FILM OPTICS FOR A 45% CONVERSION EFFICIENCY PHOTOVOLTAIC CONCENTRATOR	195
<i>Rubén Mohedano ; Maikel Hernandez ; Juan Vilaplana ; Julio Chaves ; Waqidi Falicoff ; Juan C. Miñano ; Pablo Benítez ; Simone Sorgato</i>	

LASER BASED PROCESSES FOR PRODUCT CUSTOMIZATION IN BUILDING INTEGRATED PHOTOVOLTAICS (PV)	197
<i>Carlos Molpeceres ; David Canteli ; Juan José García-Ballesteros ; Sara Lauzurica ; Chen Yu ; David Muñoz ; Miguel Morales</i>	
COMPACT, REAL-TIME ANALYZER FOR C-13 AND O-18 ISOTOPE RATIOS OF CARBON DIOXIDE IN BREATH AIR	199
<i>T. Kääriäinen ; E. Hietala ; R. Aikio ; H. Vasama ; P. Suopajarvi ; C. Richmond ; A. Manninen</i>	
BLOOD GLUCOSE MEASUREMENT USING MID-INFRARED HOLLOW-OPTICAL FIBER PROBE WITH ATR MULTI-REFLECTION PRISM	201
<i>Saiko Kino ; Yuji Matsuura</i>	
A COMPACT FIBER OPTIC BASED SINGLET OXYGEN LUMINESCENCE SENSOR	203
<i>N. R. Gemmell ; A. McCarthy ; M. M. Kim ; I. Veilluex ; T. C. Zhu ; G. S. Buller ; B. C. Wilson ; R. H. Hadfield</i>	
A SMARTPHONE-BASED MICROPLATE READER FOR POINT-OF-CARE ELISA QUANTIFICATION	205
<i>Brandon Berg ; Bingen Cortazar ; Derek Tseng ; Haydar Ozkan ; Steve Feng ; Qingshan Wei ; Raymond Yan-Lok Chan ; Jordi Burbano ; Qamar Farooqui ; Michael Lewinski ; Dino Di Carlo ; Omai B. Garner ; Aydogan Ozcan</i>	
OPTIMAL ILLUMINATION FOR CONTRAST ENHANCEMENT BASED ON COLOR ENTROPY ANALYSIS	207
<i>J. Shen ; L. Zhu ; Z. Zheng</i>	
OPTICAL RHEOLOGY OF BLOOD DURING CARDIOVASCULAR SURGERY	209
<i>J. R. Guzman-Sepulveda ; R. Argueta-Morales ; K. Pourmoghadam ; W. M. Decampli ; A. Dogariu</i>	
DEVELOPMENT OF A PEDIATRIC VISION SCREENING DEVICE FOR REMOTE ASSESSMENT OF BINOCULAR FIXATION AND FOCUS USING BIREFRINGENCE PROPERTIES OF THE EYE	211
<i>Kristina Irsch ; Boris I. Gramatikov ; Yi-Kai Wu ; David L. Guyton</i>	
DIGITAL MICROMIRROR DEVICE CAMERA USED FOR HIGH-SPEED AND HIGH-RESOLUTION IMAGING	213
<i>Wei Feng ; Fumin Zhang ; Xinghua Qu</i>	
IMAGING CURRENT DISTRIBUTIONS AND TEMPERATURE PROFILES IN GAN HEMTS USING NITROGEN VACANCY CENTERS IN NANODIAMONDS	215
<i>Christopher Foy ; Kevin R. Bagnall ; Matthew E. Trusheim ; Alberto Lauri ; Evelyn N. Wang ; Dirk Englund</i>	
HIGH-SENSITIVE OPTICAL DETECTION OF FINE PARTICULATE DEFECTS BY AUTONOMOUS SEARCHING LIQUID PROBE: OBSERVATION OF DYNAMIC INTERACTION WITH DEFECTS	217
<i>Kazuki Tachibana ; Shohei Asai ; Masaki Michihata ; Kiyoshi Takamasu ; Satoru Takahashi</i>	
ADVANCED MICROWAVE PHOTONIC STRUCTURE FOR LOW COHERENCE INTERFEROMETRY	219
<i>M. Bolea ; J. Benitez ; J. Mora ; J. Capmany</i>	
SUPER-RESOLUTION MID-INFRARED IMAGING USING PHOTOTHERMAL MICROSCOPY	221
<i>Zhongming Li ; Masaru Kuno ; Gregory Hartland</i>	
TWO-PHOTON LASER-ASSISTED DEVICE ALTERATION IN CMOS INTEGRATED CIRCUITS USING LINEARLY, CIRCULARLY AND RADially POLARIZED LIGHT	223
<i>M. Rutkauskas ; C. Farrell ; C. Dorrer ; K. L. Marshall ; T. Crawford ; T. R. Lundquist ; P. Vedagarbha ; K. Erington ; D. Bodoh ; D. T. Reid</i>	
LASER BEAM CUTTING — A MATURE AND STILL ADVANCING LASER APPLICATION BECOMES CALCULABLE	225
<i>Dirk Petring</i>	
ENGINEERING MODEL FOR INJECTION NOZZLE DRILLING WITH ULTRAFAST PULSES	227
<i>E. Audouard ; A. Letan ; E. Mottay</i>	
THERMAL MODELING AND HEAT MITIGATION FOR FEMTOSECOND-LASER-BASED SILICON PROCESSING	229
<i>Jie Qiao ; Lauren L. Taylor ; Jun Qiao</i>	
ULTRAFAST LASER PLASMA ASSISTED RARE-EARTH DOPING FOR SILICON PHOTONICS	231
<i>Gin Jose ; Jayakrishnan Chandrappan ; Suraya Ahmad Kamil ; Matthew Murray ; Zsolt Zolnai ; Emil Agocs ; Peter Petrik ; Paul Steenson ; Thomas Krauss</i>	
OPTICAL TECHNOLOGY DEVELOPMENT FOR MOUSE BRAIN IMAGING	233
<i>Chris Xu</i>	
INTEGRATED GRAPHENE SENSOR ON HIGH-Q SILICON-RING RESONATOR FOR NEUOTRANSMITTER DETECTION	234
<i>Y. Kobayashi ; R. Kou ; S. Inoue ; T. Tsuchizawa ; Y. Ueno ; S. Suzuki ; H. Hibino ; T. Yamamoto ; K. Yamada ; H. Nakajima</i>	
HETEROCLINIC DYNAMICS IN PHOTONIC COGNITIVE MOTIF NETWORK	236
<i>S. Shahin ; F. Vallini ; F. Monifi ; M. Rabinovich ; Y. Fainman</i>	
PREFRONTAL CORTEX HEMODYNAMICS AND AGE IN CHILDREN: A PILOT STUDY USING FUNCTIONAL NEAR INFRARED SPECTROSCOPY	238
<i>Afrouz Anderson ; Elizabeth Smith ; Amir Gandjbakhche</i>	
AN INVERTED LIGHT SHEET MICROSCOPE OPTIMIZED FOR STUDIES IN NEUROSCIENCE	240
<i>Zhengyi Yang ; Peter Haslehurst ; Suzanne Scott ; Nigel Emptage ; Kishan Dholakia</i>	
LARGE-SCALE BRAIN IMAGING USING OPTICAL COHERENCE TOMOGRAPHY	242
<i>Woonggyu Jung</i>	
PHOTONIC MIXING APPROACH TO MEASURE THE ANGLE-OF-ARRIVAL OF MICROWAVE SIGNALS	243
<i>Zuoxing Zhang ; Minghua Chen ; Qiang Guo ; Hongwei Chen ; Sigang Yang ; Shizhong Xie</i>	
NONLOCAL FRACTIONAL-ORDER DIFFUSION FOR DENOISING IN SPECKLE INTERFEROMETRY FRINGES	245
<i>Jimwei Zhang ; Yefan Cai ; Xiangyang Yu</i>	
NON-DESTRUCTIVE INSPECTION USING PHASE-SHIFTING RESONANT VIBROMETRY	247
<i>Chenchia Wang ; Sudhir Trivedi ; Feng Jin ; V. Swaminathan ; Frank Walters ; Jacob Khurgin ; Fow-Sen Choa</i>	

MULTIPLE BEAM PTYCHOGRAPHY FOR HIGH THROUGHPUT DATA ACQUISITION	249
<i>Robert Karl ; Charles Bevis ; Jonathan Reichenadter ; Dennis F. Gardner ; Christina Porter ; Elisabeth Shanblatt ; Michael Tanksalvala ; Giulia F. Mancini ; Margaret Murnane ; Henry Kapteyn ; Daniel Adams</i>	
PTYCHOGRAPHIC IMAGING WITH 17.5NM SPATIAL RESOLUTION EMPLOYING HIGH HARMONIC LIGHT AT 13.5NM	251
<i>Dennis F. Gardner ; Giulia F. Mancini ; Michael Tanksalvala ; Elisabeth R. Shanblatt ; Xiaoshi Zhang ; Benjamin R. Galloway ; Christina R. Porter ; Robert Karl ; Charles Bevis ; Margaret M. Murnane ; Henry Kapteyn ; Daniel E. Adams</i>	
HIGH-RESOLUTION, THZ-WAVE REAL-TIME IMAGING WITH SI-CAMERA BASED ON NONLINEAR OPTICAL UP-CONVERSION	253
<i>Mio Koyama ; Kouji Nawata ; Yu Tokizane ; Yuma Takida ; Zhengli Han ; Takashi Notake ; Shin'Ichiro Hayashi ; Hiroaki Minamide</i>	
TIME-RESOLVED MICROSCOPY FOR OPTIMIZING IN-VOLUME GLASS PROCESSING USING ULTRA SHORT LASER PULSES	255
<i>Klaus Bergner ; Brian Seyfarth ; Malte Kumkar ; Andreas Tünnermann ; Stefan Nolte</i>	
INFLUENCE OF FEMTOSECOND LASER PARAMETERS ON METAL ABLATION VOLUME	257
<i>Vahan Malkhasyan ; Mohamed Assoul ; Guy Monteil</i>	
LASER-DIRECTED “BUBBLE-PEN” FOR NANOPARTICLE PATTERNING	259
<i>Linhan Lin ; Xiaolei Peng ; Zhangming Mao ; Wei Li ; Maruthi N. Yogeesh ; Bharath Bangalore Rajeeva ; Evan P. Perillo ; Andrew K. Dunn ; Deji Akinwande ; Yuebing Zheng</i>	
DIRECT WRITING OF INVERTED DOMAIN PATTERNS IN LITHIUM NIOBATE WAVEGUIDES USING FEMTOSECOND INFRARED PULSES	261
<i>X. Chen ; P. Karpinski ; V. Shvedov ; C. Hnatovsky ; A. Boes ; A. Mitchell ; W. Krolkowski ; Y. Sheng</i>	
PLASMONIC COLORING OF SILVER USING PICOSECOND LASER PULSES	263
<i>J-M. Guay ; A. Cala'Lesina ; G. Coté ; M. Charron ; L. Ramunno ; P. Berini ; A. Weck</i>	
LASER ABLATION OF GERMANIUM IN ARSENIC SULFIDE SOLUTION	265
<i>Tingyi Gu ; Jia Gao ; Romain Fardel ; Fan Wu ; Nan Yao ; Yueh-Lin Loo ; Craig B. Arnold</i>	
WAVEFRONT CONTROL FOR DEEP TISSUE FLUORESCENCE MICROSCOPY	267
<i>Yifeng Zhou ; Lingjie Kong ; Meng Cui</i>	
THREE-PHOTON FLUORESCENCE ADAPTIVE OPTICS FOR IN-VIVO MOUSE BRAIN IMAGING	269
<i>David Sinefeld ; Tianyu Wang ; Mengran Wang ; Hari P. Paudel ; Thomas G. Bifano ; Chris Xu</i>	
HIGHLY STABLE TWO-PHOTON OXYGEN IMAGING PROBE BASED ON A RUTHENIUM-COMPLEX ENCAPSULATED IN A SILICA-COATED NANOMICELLE	271
<i>Aamir A. Khan ; Susan K. Fullerton-Shirey ; Genevieve D. Vigil ; Yide Zhang ; Scott S. Howard</i>	
INTEGRATED NANOPHOTONIC PLATFORM FOR HIGH BANDWIDTH AND HIGH RESOLUTION OPTOGENETIC EXCITATION	273
<i>Mohammad Amin Tadayon ; Qian Li ; Aseema Mohanty ; Raphael St-Gelais ; Adam Kepecs ; Michal Lipson</i>	
A COMPACT TWO PHOTON LIGHT SHEET MICROSCOPE FOR APPLICATIONS IN NEUROSCIENCE	275
<i>Peeter Piksarv ; Dominik Marti ; Tuan Le ; Angelika Unterhuber ; Andreas Stingl ; Wolfgang Drexler ; Peter E. Andersen ; Kishan Dholakia</i>	
GAS SENSING WITH HOLLOW CORE FIBER FOR LEAK DETECTION AND LOCALIZATION	277
<i>W. A. Challener ; N. Choudhury ; J. Karp ; A. M. Kasten ; S. Palit ; G. Pickrell ; D. Homa ; A. Floyd ; Y. Cheng ; Fei Yu</i>	
FIBER-OPTIC CURRENT SENSOR IN 420 KV CIRCUIT BREAKER	279
<i>K. Bohnert ; A. Frank ; L. Yang ; G. M. Mueller ; M. Lenner ; T. Roininen ; B. Guelenaltin ; P. Gabus ; S. V. Marchese ; A. Vujanic</i>	
A TEMPERATURE INSENSITIVE LOAD SENSOR BASED ON A DUAL LOOP OPTOELECTRONIC OSCILLATOR	281
<i>Yanhong Zhu ; Xiaofeng Jin ; Xianmin Zhang ; Shilie Zheng ; Hao Chi</i>	
TOWARDS ATTOMETER/HZ^{1/2} DISPLACEMENT RESOLUTION IN DFB FIBER LASER ACOUSTIC EMISSION SENSORS	283
<i>Geoffrey Cranch ; Lee Johnson ; Seth Heerschap ; Mark Seaver ; Gary Miller</i>	
MULTI-TAPERED FIBER-OPTIC DEVICE FOR MAGNETIC FIELD MEASUREMENT	285
<i>Jixuan Wu ; Bo Liu ; Hao Zhang ; Binbin Song ; Wei Lin ; Haifeng Liu ; Donglin Yan</i>	
CHIP-PACKAGED SILICON PHOTONIC NANOSCALE THERMOMETERS	287
<i>Nikolai N. Klimov ; Thomas Purdy ; Zeeshan Ahmed</i>	
HIGHLY EFFICIENT HYBRID QUANTUM DOT WHITE LIGHT EMITTING DIODES WITH PROLONGED LIFETIME	289
<i>Shun-Chieh Hsu ; Yun-Han Jheng ; Hau-Vei Han ; Hao-Chung Kuo ; Chien-Chung Lin</i>	
UNRAVELING EXCITON KINETICS OF ELECTROLUMINESCENCE IN COLLOIDAL QUANTUM DOT LEDS	291
<i>Sushant Shendre ; Cuong Dang ; Hilmi Volkan Demir</i>	
GAN-BASED STRESS-INDUCED BANDGAP WIDENING WITH VARIOUS ARRANGEMENTS OF PATTERNED SAPPHIRE SUBSTRATES	293
<i>Vin-Cent Su ; Po-Hsun Chen ; Yen-Pu Chen ; Ming-Lun Lee ; Yao-Hong You ; Zheng-Hung Hung ; Ta-Cheng Hsu ; Yu-Yao Lin ; Ray-Ming Lin ; Chieh-Hsiung Kuan</i>	
PHOTON MANAGEMENT USING INDEX-NEAR-ZERO MATERIALS	295
<i>Zhu Wang ; Zongfu Yu</i>	
BIO-INSPIRED DESIGN STRATEGY OF QUASI-RANDOM STRUCTURES FOR OPTIMAL LIGHT CONTROL	297
<i>Chen Wang ; Shuangcheng Yu ; Biqin Dong ; Yichi Zhang ; Zhen Jiang ; Xiangfan Chen ; Jian Zi ; Wei Chen ; Cheng Sun</i>	

EXPERIMENTAL DEMONSTRATION OF COHERENT BEAM COMBINING WITH A TWO-DIMENSIONAL CONFORMAL FIBER LASER ARRAY	299
<i>Dong Zhi ; Yanxing Ma ; Xiaolin Wang ; Pu Zhou ; Lei Si</i>	
VOLUME BRAGG GRATING BASED TUNABLE CONTINUOUS-WAVE AND BI₂TE₃ Q-SWITCHED ER³⁺:ZBLAN FIBER LASER	302
<i>J. Liu ; B. Huang ; P. H. Tang ; C. J. Zhao ; S. C. Wen ; D. Y. Fan</i>	
A 3.5 μM CONTINUOUS-WAVE LASER POINTER	304
<i>Jui-Yu Lai ; Cheng-Wei Hsu ; En-Chi Liu ; Yu-Chen Chen ; Dong-Yi Wu ; Ming-Hsien Chou ; Shang-Da Yang</i>	
INFRARED CONTROL	306
<i>Michael W. Jenkins</i>	
INTRAVASCULAR POLARIZATION SENSITIVE OPTICAL COHERENCE TOMOGRAPHY IN HUMAN PATIENTS	307
<i>Martin Villiger ; Antonios Karanasos ; Jian Ren ; Norman Lippok ; Milen Shishkov ; Gijs Van Soest ; Seemantini Nadkarni ; Evelyn Regar ; Brett E. Bouma</i>	
DEPTH RESOLVED OPTICAL COHERENCE ELASTOGRAPHY BASED ON FIBER-OPTIC PROBE WITH INTEGRATED FABRY-PEROT FORCE SENSOR	309
<i>Yi Qiu ; Farzana R. Zaki ; Yahui Wang ; Yiqing Xu ; Namas Chandra ; James Haorah ; Basil Hubbi ; Bryan J. Pfister ; Xuan Liu</i>	
AUTOMATED ESTIMATION OF OCT CONFOCAL FUNCTION PARAMETERS FROM TWO B-SCANS	311
<i>Nicholas Dwork ; Gennifer T. Smith ; John M. Pauly ; Audrey K. Ellerbee Bowden</i>	
ULTRATHIN FIBER OPTIC PROBE FOR OCT IMAGING	313
<i>Yi Qiu ; Yahui Wang ; Xuan Liu</i>	
DISPLACEMENT AND ATTITUDE ANGLES (TILT AND YAW) ARE MEASURED BY A SINGLE-CHANNEL SELF-MIXING INTERFEROMETER	315
<i>Silvano Donati ; Michele Norgia</i>	
PROBING MELT POOL DYNAMICS AND PARTICLE EJECTION USING HIGH SPEED OPTICAL DIAGNOSTICS	317
<i>Sonny Ly ; Alexander M. Rubenchik ; Gabe Guss ; Saad Khairallah ; Sheldon Wu ; Manyalibo J. Matthews</i>	
DESIGN AND VERIFICATION OF A FLAT-FIELD ABERRATION-CORRECTED CONCAVE BLAZE GRATING FOR HYPERSPECTRAL IMAGING	319
<i>Cheng-Hao Ko ; Sheng-Yu Tsai ; Jih-Run Tsai ; Bang-Ji Wang</i>	
LENS THICKNESS MEASUREMENT AND AXIAL POSITIONING METHOD BASED ON THE FREQUENCY-SHIFTED CONFOCAL FEEDBACK	321
<i>Yidong Tan ; Kaiyi Zhu ; Shulian Zhang</i>	
OPTICAL SENSING WITH ALL-DIELECTRIC PHOTONIC CRYSTALS	323
<i>Emiliano Descrovi ; Angelo Angelini ; Riccardo Rizzo ; Francesca Frascella ; Serena Ricciardi ; Peter Munzert ; Norbert Danz ; Stefan Schmieder ; Frank Sonntag ; Maria Alvaro ; Lucia Napione ; Paola Crivolo ; Natascia De Leo ; Ulrich Jonas ; Francesco Michelotti ; Federi</i>	
FREQUENCY COMB MEASUREMENTS THROUGH TURBULENT PATHS	324
<i>I. Coddington ; G. W. Truong ; E. Waxman ; K. Cossel ; P. J. Schroeder ; R. J. Wright ; S. Coburn ; B. Sodergren ; F. R. Giorgetta ; W. C. Swann ; G. B. Rieker ; N. R. Newbury</i>	
HIGH-SPEED, THREE-DIMENSIONAL TOMOGRAPHIC IMAGING OF CONCENTRATION FIELDS IN TURBULENT FLOWS	326
<i>Benjamin R. Halls ; Naibo Jiang ; Daniel J. Thul ; Mikhail N. Slipchenko ; Suresh Roy ; Terrence R. Meyer ; James R. Gord</i>	
REFRACTIVE INDEX SENSING THROUGH DUAL-WAVELENGTH FIBER LASER BASED ON THINNED FBG	328
<i>J. W. Liang ; L. S. Yan ; L. Y. Shao ; Z. L. Li ; H. J. He ; Y. P. Zhang ; J. S. Feng ; W. Pan ; B. Luo</i>	
RECENT PROGRESS IN WIND FIELD SENSING BY AEROSOL LIDAR AND MOTION ESTIMATION ALGORITHMS	330
<i>Shane D. Mayor</i>	
REMOTE BACKWARD-PROPAGATING WATER LASING IN ATMOSPHERIC AIR	332
<i>Arthur Dogariu ; Tat Loon Chng ; Richard B. Miles</i>	
DESIGN AND SIMULATION OF EFFICIENT NARROWBAND THERMAL EMITTER WITH 3 μM WAVELENGTH	334
<i>Jon Olav Grepstad ; Jo Gjessing ; Hallvard Angelskär ; Zeljko Skokic ; Thor Bakke ; Aasmund Sudbo</i>	
NEAR-INFRARED ON-CHIP SPECTROSCOPY FOR GREEN-HOUSE GAS DETECTION	336
<i>Xinyuan Chong ; Erven Li ; Alan X. Wang</i>	
INVESTIGATING ULTRASHORT LASER PULSES AS A LASER SCALPEL FOR ORTHOPEDIC SURGERY (LASSOS)	338
<i>Simon A. Ashforth ; Reece N. Oosterbeek ; Owen L. C. Bodley ; M. Cather Simpson</i>	
3-D ENDOSCOPIC IMAGING USING PLENOPTIC CAMERA	340
<i>Hanh N. D. Le ; Ryan Decker ; Justin Opferman ; Peter Kim ; Axel Krieger ; Jin U. Kang</i>	
SPAD CAMERAS FOR BIOMEDICAL IMAGING: PROMISE AND PROBLEMS	342
<i>Barmak Heshmat ; Genevieve Garipey ; Jonathan Leach ; Ramesh Raskar ; Daniele Faccio</i>	
METASURFACE-BASED FREEFORM OPTICS FOR BIOSENSING AND AUGMENTED REALITY SYSTEMS	344
<i>Shane Colburn ; Alan Zhan ; Arka Majumdar</i>	
REDUCED TISSUE DISRUPTION EFFECTS BY MANIPULATING PRESSURE TRANSIENTS OF UV NANOSECOND LASER PULSES	346
<i>Amir Herzog ; Idan Steinberg ; Amiel A. Ishaaya</i>	

CELL AND TISSUE RESPONSE TO MODIFIED BY LASER-INDUCED PERIODIC SURFACE STRUCTURES BIOCOMPATIBLE MATERIALS FOR DENTAL IMPLANTS	348
<i>Iaroslav Gnilitzkiy ; Maksym Pogorielov ; Dusan Dobrota ; Roman Viter ; Leonardo Orazi ; Oleg Mischenko</i>	
DESIGN AND FABRICATION OF PRINTED OPTICAL PHANTOMS FOR DEEP TISSUE IMAGING	350
<i>Brian Z. Bentz ; Dergan Lin ; Kevin J. Webb ; Anna G. Bowen ; Davin H. Huston ; Daniel Ysselstein ; Jean-Christophe Rochet</i>	
A KAGOME FIBER BASED, HIGH ENERGY DELIVERY LASER SCALPEL SYSTEM FOR LASER MICROSURGERY	352
<i>Kaushik Subramanian ; Ilan Gabay ; Adam Shadfan ; Michal Pawlowski ; Ye Wang ; Tomasz Tkaczyk ; Adela Ben-Yakar</i>	
BREAKING THE TEMPORAL RESOLUTION LIMIT BY SUPEROSCILLATING OPTICAL BEATS	354
<i>Yaniv Eliezer ; Liran Hareli ; Lilya Lobachinsky ; Sahar Froim ; Alon Bahabad</i>	
DYNAMIC WAVEGUIDING	356
<i>Miguel A. Bandres ; Yaakov Lumer ; Hanan H. Sheinfux ; Yonatan Plotnik ; Mordechai Segev</i>	
FRAME DRAGGING IN OPTICAL NEWTON-SCHRÖDINGER SYSTEM?	358
<i>Rivka Bekenstein ; Miguel A. Bandres ; Eliahu Cohen ; Moshe-Ishay Cohen ; Carmel Rothschild ; Lluís Torner ; Mordechai Segev</i>	
ARTIFICIAL THERMODYNAMICS WITH OPTICAL STOCHASTIC PUMPS	360
<i>Colin Constant ; Sergey Sukhov ; Aristide Dogariu</i>	
SUPERFLUID FLOW AND VORTEX NUCLEATION IN ROOM TEMPERATURE, NONLOCAL PHOTON FLUIDS	362
<i>David Vocke ; Kali Wilson ; Thomas Roger ; Francesco Marino ; Iacopo Carusotto ; Brian P. Anderson ; Daniele Faccio</i>	
GIANT COLLECTIVE INCOHERENT SHOCK WAVES IN STRONGLY NONLINEAR TURBULENT FLOWS	364
<i>G. Xu ; D. Vocke ; D. Faccio ; J. Garnier ; T. Roger ; S. Trillo ; A. Picozzi</i>	
OPTICAL ANALOGUES OF THE SCHRÖDINGER-NEWTON EQUATION AND ROTATING BOSON STARS	366
<i>Thomas Roger ; Calum Maitland ; Kali Wilson ; Ewan M. Wright ; Daniele Faccio</i>	
OPTICAL SIMULATION OF UNPHYSICAL MAJORANA DYNAMICS	368
<i>Simon Stützer ; Robert Keil ; Changsuk Noh ; Amit Rai ; Stefan Nolte ; Dimitris G. Angelakis ; Alexander Szameit</i>	
ATOMIC PHOTODETECTION	370
<i>Alexandros Emboras ; Bojun Cheng ; Ping Ma ; Yannick Salamin ; Christian Haffner ; Mathieu Luisier ; Christian Hafner ; Juerg Leuthold</i>	
TOWARDS A LARGE-AREA PLASMONIC POLARIZATION DETECTOR	372
<i>Nicholas V Proscia ; Matthew Moocarme ; Ilona Kretzschmar ; Vinod M. Menon ; Luat T. Vuong</i>	
MONOLITHIC BIPOLAR THERMOPILE DETECTOR SENSITIVE TO LIGHT ELLIPTICITY	374
<i>Feng Lu ; Jongwon Lee ; Aiting Jiang ; Seungyong Jung ; Mikhail A. Belkin</i>	
ENHANCED GRAPHENE PHOTODETECTOR WITH FRACTAL METASURFACE	376
<i>Jieran Fang ; Di Wang ; Clayton Devault ; Ting-Fung Chung ; Yong P. Chen ; Alexandra Boltasseva ; Vladimir M. Shalaev ; Alexander V. Kildishev</i>	
ULTRA-COMPACT POLARIZATION DEMULTIPLEXING BY A PLASMONIC NANOANTENNA ON A WAVEGUIDE	378
<i>Rui Guo ; Manuel Decker ; Frank Setzpfandt ; Xin Gai ; Duk-Yong Choi ; Roman Kiselev ; Arkadi Chipouline ; Isabelle Staude ; Thomas Pertsch ; Yuri S. Kivshar ; Dragomir N. Neshev</i>	
DEEP-SUBWAVELENGTH SI CORE PLASMONIC WAVEGUIDE MONOLITHICALLY INTEGRATED WITH SI PHOTONIC WAVEGUIDE	380
<i>Hidetaka Nishi ; Tai Tsuchizawa ; Masaaki Ono ; Masaya Notomi ; Tsuyoshi Yamamoto ; Shinji Matsuo</i>	
EXPERIMENTAL DEMONSTRATION OF OPTICAL WAVEGUIDE MODE CONVERTERS USING ONE-DIMENSIONAL PHASED ANTENNA ARRAYS	382
<i>Myoung-Hwan Kim ; Zhaoyi Li ; Nanfang Yu</i>	
RAYLEIGH'S CRITERION IS IRRELEVANT TO THE LOCALIZATION OF TWO INCOHERENT OPTICAL POINT SOURCES	384
<i>Mankei Tsang ; Ranjith Nair ; Xiao-Ming Lu</i>	
QUANTUM UNCERTAINTY IN THE BEAM WIDTH FOR OPTICAL SPATIAL MODES	386
<i>Vanessa Chille ; Peter Banzer ; Andrea Aiello ; Gerd Leuchs ; Christoph Marquardt ; Nicolas Treps ; Claude Fabre</i>	
BEATING THE DIFFRACTION LIMIT WITH SINGLE-PHOTONS	388
<i>P. Traina ; J. Forneris ; I. Ruó Berchera ; E. Moreva ; D. Gatto Monticone ; K. Katamadze ; G. Brida ; P. Olivero ; I. P. Degiovanni ; M. Genovese</i>	
PHASE MEASUREMENTS EXHIBITING SUPER SENSITIVITY AND SUPER RESOLUTION FEATURES	390
<i>Clemens Schäfermeier ; Miroslav Ježek ; Tobias Gehring ; Ulrik L Andersen</i>	
WAVEGUIDED SOURCE OF BROADBAND ENTANGLED PHOTONS FOR QUANTUM INTERFEROMETRY AND SENSING	392
<i>Mackenzie Van Camp ; Abu Thomas ; Alexander Sergienko</i>	
ENHANCEMENT OF FREQUENCY METROLOGY WITH ULTRAFAST SQUEEZED STATES OF MULTIMODE LIGHT	394
<i>J. Roslund ; Y. Cai ; C. Fabre ; N. Treps</i>	
ULTRATRACE PLASMONIC SENSING BELOW THE SHOT NOISE LIMIT	396
<i>Raphael Pooser ; Ben Lawrie</i>	
ACHIEVING SUB-SHOT-NOISE ABSORPTION-SPECTROSCOPY WITH AVALANCHE PHOTODIODES AND WITH A CHARGE-COUPLED DEVICE	398
<i>Javier Sabines-Chesterking ; Rebecca Whittaker ; Paul-Antoine Moreau ; Alex R. McMillan ; Siddarth Joshi ; Nidhin Prasanna ; Chris Erven ; Alex Neville ; Monica Berry ; Jeremy L. O'Brien ; Hugo V. Cable ; John G. Rarity ; Jonathan C. F. Matthews</i>	
OBSERVATION OF PHOTONIC CHERN INSULATOR	400
<i>Yin Poo ; Ruixin Wu ; Qun Lou ; Zongfu Yu</i>	

UNIDIRECTIONAL PERFECT ABSORBER	402
<i>Hamidreza Ramezani ; Yuan Wang ; Xiang Zhang</i>	
ALL-SI VALLEY-HALL PHOTONIC TOPOLOGICAL INSULATOR	404
<i>Tzuhsuan Ma ; Gennady Shvets</i>	
DESIGN FOR DIELECTRIC SLAB PHOTONIC CRYSTALS TO REALIZE TOPOLOGICAL EDGE STATES	406
<i>Hirokazu Miyake ; Sabyasachi Barik ; Edo Waks ; Mohammad Hafezi</i>	
NONLINEAR PARITY-TIME-SYMMETRIC TRANSITION IN FINITE-SIZE SYNTHETIC PHOTONIC MEDIA	408
<i>Wiktor Walasik ; Chicheng Ma ; Natalia M. Litchinitser</i>	
TOPOLOGICALLY RECONFIGURABLE ATOMIC LATTICE QUANTUM METAMATERIAL	410
<i>P. K. Jha ; M. Mrejen ; J. Kim ; C. Wu ; Y. Wang ; Y. V. Rostovtsev ; X. Zhang</i>	
MEASURING THE TOPOLOGICAL PHASE THROUGH THE INTERFACE STATES BETWEEN METASURFACES AND PHOTONIC CRYSTALS	412
<i>Qiang Wang ; Meng Xiao ; Hui Liu ; Shining Zhu ; C. T. Chan</i>	
EXPERIMENTAL REALIZATION OF COLOR HOLOGRAM USING PANCHARATNAM-BERRY PHASE MANIPULATING METASURFACE	414
<i>Sajid M. Choudhury ; Amr Shaltout ; Vladimir M. Shalaev ; Alexander V. Kildishev ; Alexandra Boltasseva</i>	
PHOTOIONIZATION-INDUCED EMISSION OF MID-IR DISPERSIVE WAVES IN GAS-FILLED PHOTONIC CRYSTAL FIBERS	416
<i>Felix Köttig ; David Novoa ; John C. Travers ; Francesco Tani ; Philip St. J. Russell</i>	
MULTI-OCTAVE SUPERCONTINUUM GENERATION DRIVEN BY FEW-CYCLE MID-IR PULSES IN YAG, ZNSE AND SAPPHIRE	418
<i>A. Choudhuri ; A. Ruehl ; N. Dipalo ; I. Leon ; I. Hartl ; R. J. Dwayne Miller ; J. Biegert</i>	
SELF-COMPRESSION OF SUB-TW MID-IR PULSES IN TRANSPARENT DIELECTRICS AND FILAMENTS GENERATED IN AMBIENT AIR	420
<i>V. Shumakova ; P. Malevich ; S. Ališauskas ; A. Voronin ; A. V. Mitrofanov ; A. M. Zheltikov ; D. Faccio ; D. Kartashov ; A. Baltuška ; A. Pugžlys</i>	
INDICATIONS OF NEW SOLITONIC STATES WITHIN MID-IR SUPERCONTINUUM GENERATED IN HIGHLY NON-INSTANTANEOUS FIBER	422
<i>Mario Chemnitz ; Martin Gebhardt ; Christian Gaida ; Fabian Stutzki ; Jens Limpert ; Markus A. Schmidt</i>	
A SOLID-STATE SOURCE OF SUBCYCLE PULSES IN THE MID-INFRARED	424
<i>A. A. Lanin ; E. A. Stepanov ; A. A. Voronin ; A. B. Fedotov ; A. M. Zheltikov</i>	
EXTREME CROSS-PHASE MODULATION DRIVEN BY INTENSE THZ FIELD	426
<i>C. Vicario ; M. Shalaby ; C. P. Hauri</i>	
GENERATION OF VACUUM ULTRAVIOLET FEMTOSECOND PULSES BY FOUR-WAVE RAMAN MIXING UNDER THREE-COLOR PUMP BEAM CONFIGURATION	428
<i>Duong Vu ; Nguyen Trong Nghia ; Totaro Imasaka</i>	
FULL CHARACTERIZATION OF FEW-CYCLE PULSES USING CROSS-POLARIZED WAVE GENERATION D-SCAN TECHNIQUE	430
<i>Ayhan Tajalli ; Bruno Chanteau ; Martin Kretschmar ; Heiko Kurz ; Milutin Kovacev ; Uwe Morgner ; Tamas Nagy</i>	
EXPERIMENTAL OBSERVATION OF INVISCID BURGERS' EQUATION DYNAMICS IN NONLINEAR FIBER OPTICS	432
<i>Benjamin Wetzel ; Domenico Bongiovanni ; Michael Kues ; Yi Hu ; Zhigang Chen ; Stefano Trillo ; John M. Dudley ; Stefano Wabnitz ; Roberto Morandotti</i>	
ULTRABROADBAND DISPERSIVE RADIATION BY SPATIOTEMPORAL OSCILLATION OF MULTIMODE WAVES	434
<i>Logan G. Wright ; Stefan W. Wabnitz ; Demetrios N. Christodoulides ; Frank W. Wise</i>	
VERSATILE SUPERCONTINUUM GENERATION IN PARABOLIC MULTIMODE OPTICAL FIBERS	436
<i>Mohammad Amin Eftekhar ; Matthew S. Mills ; Logan G. Wright ; Miroslav Kolesik ; Rodrigo Amezcua Correa ; Frank W. Wise ; Demetrios N. Christodoulides</i>	
OBSERVATION OF TURING AND FARADAY INSTABILITIES IN A BISTABLE PASSIVE RESONATOR	438
<i>Francois Copie ; Matteo Conforti ; Alexandre Kudlinski ; Stefano Trillo ; Arnaud Mussot</i>	
OBSERVATION OF SPATIOTEMPORAL CHAOS INDUCED BY A CAVITY SOLITON IN A FIBER RING RESONATOR	440
<i>Miles Anderson ; François Leo ; Stéphane Coen ; Miro Erkintalo ; Stuart G. Murdoch</i>	
REAL TIME OBSERVATIONS OF SOLITON BOUND STATES, WITH MULTIPLE BINDING MECHANISMS, IN PASSIVE NONLINEAR CAVITIES	442
<i>Yadong Wang ; François Leo ; Julien Fatome ; Kathy Luo ; Jae K. Jang ; Miro Erkintalo ; Stuart G. Murdoch ; Stéphane Coen</i>	
REAL TIME MEASUREMENTS OF TEMPORAL ROGUE WAVES AND SPONTANEOUS MODULATION INSTABILITY IN OPTICAL FIBER	444
<i>Mikko Närhi ; Benjamin Wetzel ; Cyril Billet ; Jean-Marc Merolla ; Shanti Toenger ; Thibaut Sylvestre ; Roberto Morandotti ; Goëry Genty ; Frederic Dias ; John M. Dudley</i>	
OPTICAL POLARIZATION ROGUE WAVES IN FIBER LASER	446
<i>Lei Gao ; Tao Zhu ; Stefan Wabnitz ; Min Liu ; Wei Huang</i>	
QUANTUM WALKS OF SELF-COLLIMATED PHOTONS	448
<i>Fan Qi ; Yufei Wang ; Qingyan Ma ; Wanhua Zheng</i>	
SPAWNING RINGS OF EXCEPTIONAL POINTS OUT OF DIRAC CONES	450
<i>Bo Zhen ; Chia Wei Hsu ; Yuichi Igarashi ; Ling Lu ; Ido Kaminer ; Adi Pick ; Song-Liang Chua ; John D. Joannopoulos ; Marin Soljačić</i>	

DIRECT MEASUREMENT OF NEGATIVE OPTICAL GOOS-HÄNCHEN SHIFT FROM PHOTONIC CRYSTAL	452
<i>Yu-Po Wong ; Xuerong Xiao ; Olav Solgaard</i>	
CAVITY-ENHANCED SPONTANEOUS EMISSION AND SATURABLE ABSORPTION OF COLLOIDAL NANOPLATELETS	454
<i>Zhili Yang ; Matthew Pelton ; Edo Waks</i>	
COUPLING EFFICIENCY OF A SINGLE LIGHT EMITTER COUPLED TO A NANOFIBER BRAGG CAVITY	456
<i>Hideaki Takashima ; Andreas W. Schell ; Atsushi Fukuda ; Shinjiro Fujita ; Yasuko Oe ; Syunya Kamioka ; Masazumi Fujiwara ; Shigeki Takeuchi</i>	
OBSERVATION OF HIGHLY ROBUST PHASE-DEFECT INDUCED PHOTONIC STATES	458
<i>Yin Poo ; James P. Lee-Thorp ; Yixuan Tan ; Ruixin Wu ; Michael I. Weinstein ; Zongfu Yu</i>	
DIRECT IMAGING OF ISO-FREQUENCY CONTOURS IN PHOTONIC CRYSTAL SLABS	460
<i>Emma C. Regan ; Yuichi Igarashi ; Bo Zhen ; Ido Kaminer ; Chia Wei Hsu ; Yichen Shen ; John D. Joannopoulos ; Marin Soljacic</i>	
A SQUEEZED LIGHT SOURCE FOR ADVANCED GRAVITATIONAL WAVE DETECTORS	462
<i>E. Oelker ; T. Isogai ; M. Tse ; G. Mansell ; J. Miller ; F. Matichard ; P. Fritschel ; L. Barsotti ; N. Mavalvala ; M. Evans</i>	
A FULLY GUIDED-WAVE APPROACH TO THE GENERATION AND DETECTION OF SQUEEZING AT A TELECOM WAVELENGTH	464
<i>F. Kaiser ; B. Fedrici ; A. Zavatta ; V. D'Auria ; S. Tanzilli</i>	
MANIPULATING THE SQUEEZING PROPERTIES OF A DEGENERATE PARAMETRIC AMPLIFIER WITH COHERENT, TIME-DELAYED FEEDBACK	466
<i>Nikolett Nemet ; Scott Parkins</i>	
OPTICAL HOMODYNE WITH OPTICAL BANDWIDTH	468
<i>Yaakov Shaked ; Rafi Vered ; Yoad Michael ; Leon Bello ; Michael Rosenbluh ; Avi Pe'Er</i>	
FREQUENCY MODES OF ULTRAFAST TWIN BEAMS GENERATED BY HIGH-GAIN MODULATIONAL INSTABILITY IN A GAS-FILLED HOLLOW-CORE PCF	470
<i>M. A. Finger ; N. Y. Joly ; P. St. J. Russell ; M. V. Chekhova</i>	
ATOMIC DENSITY EFFECT ON THE SPATIAL MULTI-MODE STRUCTURE OF ATOM-GENERATED SQUEEZED LIGHT	472
<i>Mi Zhang ; Irina Novikova ; Eugeny E. Mikhailov ; R. Nicholas Lanning ; Zhihao Xiao ; Jonathan P. Dowling</i>	
FOUR MODE MULTI-CORRELATED BI-PHOTON STATES WITHIN AN INTEGRATED QUANTUM FREQUENCY COMB	474
<i>Michael Kues ; Christian Reimer ; Benjamin Wetzel ; Piotr Roztocky ; Lucia Caspani ; Yaron Bromberg ; Brent E. Little ; William J. Munro ; Sai T. Chu ; David J. Moss ; Roberto Morandotti</i>	
HOT ELECTRON RELAXATION IN THIN TITANIUM NITRIDE FILMS	476
<i>H. Ferguson ; U. Guler ; N. Kinsey ; V. M. Shalaev ; T. Norris ; A. Boltasseva</i>	
STUDY OF THE EFFECT OF THE PURCELL ENHANCEMENT FACTOR ON THE PHOTODEGRADATION OF THE P3HT POLYMER	478
<i>V. N. Peters ; Rohan Alexander ; D'Angelo A. Peters ; M. A. Noginov</i>	
EFFECT OF STRONG COUPLING ON STOKES SHIFT IN DYE MOLECULES	480
<i>E. K. Tanyli ; H. Thuman ; S. Koutsares ; N. Brown ; M. A. Noginov</i>	
MICROFLUIDIC METASURFACE WITH HIGH TUNABILITY FOR MULTIFUNCTION: DISPERSION COMPENSATION AND BEAM TRACKING	482
<i>Libin Yan ; Pin Chieh Wu ; Weiming Zhu ; Qinghua Song ; Wu Zhang ; Din Ping Tsai ; Federico Capasso ; Ai Qun Liu</i>	
CONTROL OF FANO RESONANCES IN GRAPHENE-BASED GRATINGS AT TELECOM WAVELENGTHS	484
<i>Domenico De Ceglia ; Maria Antonietta Vincenti ; Marco Grande ; Giuseppe Valerio Bianco ; Giovanni Bruno ; Antonella D'Orazio ; Michael Scalora</i>	
DOPPLER-SHIFT EMULATION USING HIGHLY TIME-REFRACTING TCO LAYER	486
<i>A. M. Shaltout ; M. Clerici ; N. Kinsey ; R. Kaipurath ; J. Kim ; E. G. Carnemolla ; D. Faccio ; A. Boltasseva ; V. M. Shalaev ; Marcello Ferrara</i>	
A TUNABLE METAMATERIAL FOR WIDE-ANGLE AND BROADBAND ABSORPTION THROUGH META-WATER-CAPSULE COATINGS	488
<i>Qinghua Song ; Wu Zhang ; Hong Cai ; Yuan Dong Gu ; Pin Chieh Wu ; Weiming Zhu ; Qing Xuan Liang ; Zhenchuan Yang ; Yufeng Jin ; Yulong Hao ; Dim-Lee Kwong ; Tarik Bourouina ; Yamin Leprince-Wang ; Ai-Qun Liu</i>	
PHASE SENSITIVE PARAMETRIC AMPLIFICATION IN INGP PHOTONIC CRYSTAL WAVEGUIDES	490
<i>A. Willinger ; A. Martin ; S. Combrié ; A. De Rossi ; G. Eisenstein</i>	
HYBRID PHOTONIC CRYSTAL FIBER FOR EFFICIENT SINGLE-MODE THIRD-HARMONIC AND TRIPLET PHOTON GENERATION	492
<i>Andrea Cavanna ; Felix Just ; Xin Jiang ; Maria V. Chekhova ; Gerd Leuchs ; Philip St. J. Russell ; Nicolas Y. Joly</i>	
FABRICATION OF HIGH-Q CRYSTALLINE MICRORESONATORS BY FEMTOSECOND LASER DIRECT WRITING FOR PHASE MATCHED SECOND HARMONIC GENERATION	494
<i>J. Lin ; Y. Xu ; M. Wang ; Z. Fang ; W. Fang ; Y. Cheng</i>	
GENERATION OF SECOND HARMONIC BEAMS WITH SWITCHABLE CAUSTIC TRAJECTORIES	496
<i>Sivan Trajtenberg-Mills ; Irit Juwiler ; Ady Arie</i>	
EXTENDED PHASE MATCHING OF HIGH HARMONIC GENERATION DRIVEN BY TRUNCATED BEAMS IN TIGHT FOCUSING GEOMETRY	498
<i>Hung-Wei Sun ; Pei-Chi Huang ; Yi-Hsuan Tzeng ; Ren-Ting Huang ; Ming-Chang Chen ; C. D. Lin ; Cheng Jin</i>	
PASSIVE LINEWIDTH NARROWING THROUGH NONDEGENERATE OPTICAL PARAMETRIC OSCILLATION WITH ASYMMETRIC PORT COUPLINGS	500
<i>Cale M. Gentry ; Gil Triginer Garcés ; Xiaoge Zeng ; Miloš A. Popovic</i>	

ULTRA-LOW POWER SIGNAL DEPLETION VIA FOUR-WAVE MIXING BRAGG SCATTERING IN HYDROGENATED AMORPHOUS SILICON WAVEGUIDE	502
<i>Kangmei Li ; Hongcheng Sun ; Amy C. Foster</i>	
HIGH-ORDER SIDEBAND GENERATION: EFFECT OF OPTICAL POLARIZATION	504
<i>Hunter B. Banks ; Darren Valovcin ; Shawn Mack ; Art C. Gossard ; Loren Pfeiffer ; Mark S. Sherwin</i>	
TRIPLY-RESONANT CONTINUOUS WAVE PARAMETRIC SOURCE WITH A MICROWATT PUMP	506
<i>A. Martin ; G. Moille ; S. Combr�� ; G. Lehoucq ; T. Debuisschert ; J. Lian ; S. Sokolov ; A. P. Mosk ; A. De Rossi</i>	
SPECTRALLY AND TEMPORALLY RESOLVED RESONANCE SHIFTS OF A PHOTONIC CRYSTAL CAVITY SWITCH	508
<i>Per Lunnemann ; Yi Yu ; Jesper Mork</i>	
SPONTANEOUS PHOTONIC SUPER-CRYSTALS IN COMPOSITE FERROELECTRICS	510
<i>D. Pierangeli ; M. Ferraro ; F. Di Mei ; G. Di Domenico ; C. E. M. De Oliveira ; A. J. Agranat ; E. Delre</i>	
THEORY OF FREQUENCY COMB GENERATION IN CAVITY ENHANCED SECOND HARMONIC GENERATION	512
<i>Fran��ois Leo ; Tobias Hansson ; Iolanda Ricciardi ; Maurizio De Rosa ; St��phane Coen ; Stefan Wabnitz ; Miro Erkintalo</i>	
EFFECT OF DIELECTRIC INTERFACES ON SECOND-HARMONIC GENERATION IN INTEGRATED GAN RESONATORS	514
<i>Jordan Davis ; Hung-Hsi Lin ; Andrew Grieco ; Yashaiah Fainman</i>	
BICHROMATICALLY-PUMPED COHERENT KERR FREQUENCY COMBS WITH CONTROLLABLE REPETITION RATES	516
<i>Jinghui Yang ; Shu-Wei Huang ; Bart H. McGuyer ; Mingbin Yu ; Mickey P. McDonald ; Guo-Qiang Lo ; Dim-Lee Kwong ; Tanya Zelevinsky ; Chee Wei Wong</i>	
LIMITS OF PLASMONIC ENHANCEMENT: WHAT IF THE METAL BECOMES “LOSSLESS”?	518
<i>J. B. Khurgin ; G. Sun</i>	
ULTRAFAST SPONTANEOUS EMISSION RATE FROM AN INGAN QUANTUM DOT COUPLED TO A SILVER PLASMONIC CAVITY	520
<i>Brandon Demory ; Tyler Hill ; Chu-Hsiang Teng ; Cheng Zhang ; Jay Guo ; Hui Deng ; P. C. Ku</i>	
SITE-CONTROLLED INAS QUANTUM DOTS FOR PLASMONICS	522
<i>T. V. Hakkarainen ; J. Tommila ; A. Schramm ; J. Simonen ; T. Niemi ; J. Kontio ; M. Guina ; C. Strelow ; T. Kipp</i>	
LOCALIZED PLASMONIC-ASSISTED POLARIZATION DEPENDENT STATE SWITCHING IN A SINGLE SEMICONDUCTOR QUANTUM DOT	524
<i>Yanwen Wu ; Matt Seaton ; Allan Bracker ; Dan Gammon</i>	
TOWARDS THE REALIZATION OF ON-CHIP PLASMON ENHANCED ODMR MEASUREMENTS	526
<i>Zahraa Al-Baiaty ; Benjamin P. Cumming ; Min Gu</i>	
HYBRID GAP PLASMON WAVEGUIDES ON THE SILICON-ON-INSULATOR PLATFORM FOR ADIABATIC NANOFOCUSING	528
<i>Michael P. Nielsen ; Lucas Lafone ; Aliaksandra Rakovich ; Themistoklis P. H. Sidiropoulos ; Mohsen Rahmani ; Stefan A. Maier ; Rupert F. Oulton</i>	
HIGH-PURCELL HIGH-QUANTUM-YIELD GAP-PLASMON SPONTANEOUS EMISSION ENHANCEMENT BASED ON OPTICALLY THIN METALLIC SUBSTRATES	530
<i>Yi Yang ; Bo Zhen ; Owen Miller ; Chia Wei Hsu ; John D. Joannopoulos ; Marin Soljacic</i>	
SYMMETRY BREAKING IN MEMBRANE OPTOMECHANICS	532
<i>Haitan Xu ; Utku Kemiktarak ; Jingyun Fan ; Stephen Ragole ; John Lawall ; Jacob M. Taylor</i>	
MEASUREMENTS OF HIGH COOPERATIVITY OPTOMECHANICAL RING RESONATORS	534
<i>Bradley D. Hauer ; Paul H. Kim ; Callum Doolin ; Fabien Souris ; John P. Davis</i>	
ENGINEERING RAMAN TRANSITIONS IN AN OPTOMECHANICAL SYSTEM STRONGLY COUPLED WITH A TWO-LEVEL EMITTER	536
<i>Michele Cotrufo ; Andrea Fiore ; Ewold Verhagen</i>	
OPTOMECHANICAL QUANTUM CONTROL OF A NITROGEN VACANCY CENTER IN DIAMOND	538
<i>Thein Oo ; Andrew Golter ; Mayra Amezcua ; Ignas Lekavicius ; Hailin Wang</i>	
STRONG RESONANT COUPLING BETWEEN A SURFACE ACOUSTIC WAVE AND A DIAMOND NITROGEN VACANCY CENTER	540
<i>Andrew Golter ; Thein Oo ; Hailin Wang</i>	
TOWARDS QUANTUM EFFECTS WITH A μG-SCALE MECHANICAL OSCILLATOR	542
<i>Leonhard Neuhaus ; R��mi Metzdorff ; Salim Zerkani ; Sheon Chua ; Thibaut Jacqmin ; Samuel Del��glise ; Tristan Briant ; Pierre-Fran��ois Cohadon ; Antoine Heidmann</i>	
PHOTONIC CIRCUITS WITH SUPERCONDUCTING DETECTORS AND OPTOMECHANICAL PHASE SHIFTERS FOR INTEGRATED QUANTUM OPTICS	544
<i>Menno Poot ; Carsten Schuck ; Xiao-Song Ma ; Xiang Guo ; Hong X. Tang</i>	
PHOTONIC HYPERCRYSTALS FOR CONTROLLED ENHANCEMENT OF RADIATION FROM QUANTUM EMITTERS	546
<i>T. Gafsky ; E. E. Narimanov ; V. M. Menon</i>	
SECOND-HARMONIC GENERATION FROM ZNO / AL₂O₃ LAMINATE OPTICAL METAMATERIALS GROWN BY ATOMIC-LAYER DEPOSITION	548
<i>Andreas Wickberg ; Clemens Kieninger ; Christoph S��rgers ; Christian Koos ; Martin Wegener</i>	
ULTRAFAST NONLINEARITIES DRIVEN BY MAGNETIC RESPONSE IN ALL-DIELECTRIC NANOSTRUCTURES	550
<i>Maxim R. Shcherbakov ; Polina P. Vabishchevich ; Alexander S. Shorokhov ; Katie E. Chong ; Duk-Yong Choi ; Isabelle Staude ; Andrey E. Miroshnichenko ; Dragomir N. Neshev ; Andrey A. Fedyanin ; Yuri S. Kivshar</i>	

PHOTONIC TIME-CRYSTALS AND MOMENTUM BAND-GAPS.....	552
<i>Amr M. Shaltout ; Jieran Fang ; Alexander V. Kildishev ; Vladimir M. Shalaev</i>	
NANOPLASMONICS: EXPLORING NONLOCAL AND QUANTUM EFFECTS	554
<i>N. Asger Mortensen</i>	
COHERENT ABSORPTION OF NOON STATES.....	556
<i>Thomas Roger ; Sara Restuccia ; Ashley Lyons ; Daniel Giovannini ; Jacqueline Romero ; John Jeffers ; Miles Padgett ; Daniele Faccio</i>	
DECAY DYNAMICS OF QUANTUM EMITTERS IN EPSILON-NEAR-ZERO CAVITIES	558
<i>Iñigo Liberal ; Nader Engheta</i>	
EFFICIENT SPECTRAL BANDWIDTH COMPRESSION OF SINGLE PHOTON WAVEPACKETS	560
<i>Michał Karpinski ; Michał Jachura ; Brian J. Smith</i>	
MEASUREMENT OF THE AHARONOV-ANANDAN PHASE IN PHOTONIC LATTICES	562
<i>Kai Wang ; Steffen Weimann ; Armando Perez-Leija ; Alexander Szameit</i>	
QUANTUM INFORMATION USING A SINGLE EXCITATION: STEERING PHOTONIC PATH ENTANGLED STATES	564
<i>Fernando Monteiro ; Thiago Guerreiro ; Jonatan Bohr Brask ; Tamas Vértési ; Nicolas Brunner ; Félix Bussi�eres ; Nicolas Gisin ; Boris Kozh ; Adriana Lita ; Anthony Martin ; Sae Woo Nam ; Rob Thew ; Varun Verma ; Hugo Zbinden</i>	
WEAK MEASUREMENTS COMPRESSED SENSING QUANTUM STATE TOMOGRAPHY	566
<i>Dikla Oren ; Yonina C. Eldar ; Mordechai Segev</i>	
BRAGG GRATINGS WILL IMPROVE SIGNAL-TO-NOISE IN $X^{(3)}$ DEGENERATE PHOTON-PAIR GENERATION.....	568
<i>L. G. Helt ; Agata M. Branczyk ; V. Introini ; Marco Liscidini ; M. J. Steel</i>	
PASSIVE HIGH-EXTINCTION INTEGRATED PHOTONIC FILTERS FOR SILICON QUANTUM PHOTONICS.....	570
<i>Mateusz Piekarek ; Damien Bonneau ; Shigehito Miki ; Taro Yamashita ; Mikio Fujiwara ; Masahide Sasaki ; Hirotaka Terai ; Michael G. Tanner ; Chandra M. Natarajan ; Robert H. Hadfield ; Jeremy L. O'Brien ; Mark G. Thompson</i>	
SPECTRAL CORRELATION AND INTERFERENCE IN CW NON-DEGENERATE PHOTON PAIRS AT TELECOM WAVELENGTHS.....	572
<i>Paulina S. Kuo ; Thomas Gerrits ; Varun B. Verma ; Sae Woo Nam ; O. Slattery ; L. Ma ; X. Tang</i>	
PRACTICAL MULTIPLEXING FOR THIRD GENERATION QUANTUM REPEATERS	574
<i>Nicholas A. Peters ; Charles Ci Wen Lim</i>	
SPECTRAL ENGINEERING OF FREQUENCY COMBS USING DEPOSITED WAVEGUIDES	576
<i>Nima Nader ; Kevin C. Cossel ; Esther Baumann ; Ian Coddington ; Nathan R. Newbury ; Richard P. Mirin ; Jeffrey M. Shainline</i>	
UNIVERSAL DYNAMICS AND CONTROLLED SWITCHING OF DISSIPATIVE KERR SOLITONS IN OPTICAL MICRORESONATORS	578
<i>Maxim Karpov ; Hairun Guo ; Erwan Lucas ; Arne Kordts ; Martin H. P. Pfeiffer ; Victor Brasch ; Grigory Lihachev ; Valery E. Lobanov ; Michael L. Gorodetsky ; Tobias J. Kippenberg</i>	
RAMAN SELF-FREQUENCY SHIFT OF DISSIPATIVE KERR SOLITONS IN AN OPTICAL MICRORESONATOR	580
<i>Hairun Guo ; Maxim Karpov ; Arne Kordts ; Victor Brasch ; Martin H. P. Pfeiffer ; Michail Zervas ; Michael Geiselmann ; Tobias J. Kippenberg</i>	
NONLINEAR OPTICS AT LOW POWERS: NEW MECHANISM OF ON-CHIP OPTICAL FREQUENCY COMB GENERATION	582
<i>A. S. Rogov ; E. E. Narimanov</i>	
STABILITY ANALYSIS OF DARK PULSE KERR FREQUENCY COMBS IN NORMAL DISPERSION OPTICAL MICRORESONATORS	584
<i>Pedro Parra-Rivas ; Dami� Gomila ; Edgar Knobloch ; Lendert Gelens ; St�phane Coen</i>	
DYNAMICS OF MODE-COUPLING-ASSISTED MICRORESONATOR FREQUENCY COMBS.....	586
<i>Jae K. Jang ; Yoshitomo Okawachi ; Mengjie Yu ; Kevin Luke ; Xingchen Ji ; Micha� Lipson ; Alexander L. Gaeta</i>	
CNOIDAL WAVES IN MICRORESONATORS	588
<i>Zhen Qi ; Giuseppe D'Aguanno ; Curtis R. Menyuk</i>	
OBSERVATION OF BREATHER SOLITONS IN MICRORESONATORS.....	590
<i>Mengjie Yu ; Jae K. Jang ; Yoshitomo Okawachi ; Austin G. Griffith ; Kevin Luke ; Steven A. Miller ; Xingchen Ji ; Micha� Lipson ; Alexander L. Gaeta</i>	
AN OPTICALLY LEVITATED DIELECTRIC NANOSPHERE IN VACUUM AS A FORCE SENSOR.....	592
<i>Gambhir Ranjit ; Mark Cunningham ; Kirsten Casey ; Andrew A. Geraci</i>	
MANIPULATION OF PARTICLES USING HIGHER ORDER MODES IN AN OPTICAL MICROFIBER.....	594
<i>Sile Nic Chormaic ; Aili Maimaiti ; Viet Giang Truong</i>	
EXPLOITING OPTICAL ASYMMETRY FOR FREQUENCY-CONTROLLED GUIDING OF PARTICLES WITH LIGHT	596
<i>Ognjen Ilic ; Ido Kaminer ; Yoav Lahini ; Hrvoje Buljan ; Marin Soljacic</i>	
INFRARED NANOSPECTROSCOPY IN LIQUID	598
<i>Mingzhou Jin ; Feng Lu ; Mikhail A. Belkin</i>	
OPTICAL PULLING FORCE IN THE VICINITY OF PLASMONIC INTERFACES	600
<i>A. A. Bogdanov ; M. I. Petrov ; S. V. Sukhov ; A. S. Shalin ; A. Dogariu</i>	
OPTICAL TRACKING OF A NANOPARTICLE TRAPPED BY A DOUBLE NANO HOLE APERTURE	602
<i>Zhe Xu ; Wuzhou Song ; Kenneth B. Crozier</i>	
DYNAMIC PLASMONIC TRAPPING AND MANIPULATION OF NANOPARTICLES AND NANOWIRES.....	604
<i>Xiujie Dou ; Changjun Min ; Lichao Zhang ; Yuquan Zhang ; Xiaocong Yuan</i>	
OPTOMECHANICAL PLASMONIC TRAPPING.....	606
<i>Pau Mestres ; Johann-Berthelot ; Srdjan S. Acimovic ; Romain Quidant</i>	

QUANTUM MATTER BUILT FROM ATOMS AND PHOTONS IN NANOSCOPIC DIELECTRIC LATTICES	608
<i>H. J. Kimble</i>	
INTEGRATED FRESNEL MIRRORS FOR SCALABLE TRAPPED ION QUANTUM COMPUTING	609
<i>Erik W. Streed ; Moji Ghadimi ; Valdis Blums ; Benjamin G. Norton ; Paul Connor ; Jason M. Amini ; Curtis Volin ; Mirko Lobino ; David Kieplinski</i>	
OBSERVATION OF MOLLOW-TRIPLET IN MICRO-FABRICATED μM CHANNELS	611
<i>Eliran Talker ; Liron Stern ; Noa Mazurski ; Uriel Levy</i>	
THREE-DIMENSIONAL DYNAMIC RECONFIGURATION OF SINGLE-ATOM ARRAYS USING LIQUID-CRYSTAL SPATIAL LIGHT MODULATOR	613
<i>Woojun Lee ; Hyosub Kim ; Jaewook Ahn</i>	
LIGHT-VAPOR INTERACTIONS IN AN ATOMIC CLADDING MICRO RING RESONATOR COUPLED SYSTEM	615
<i>Liron Stern ; Roy Zektzer ; Noa Mazurski ; Uriel Levy</i>	
MULTISCALE METASURFACES FOR ENHANCED LIGHT EXTRACTION	617
<i>Christopher Roberts ; Viktor Podolskiy</i>	
POLARIZATION-SWITCHABLE VISIBLE VORTEX BEAMS FROM A DIELECTRIC METASURFACE	619
<i>Antonio Ambrosio ; Robert Charles Devlin ; Daniel Wintz ; Stefano Luigi Oscurato ; Alexander Yutong Zhu ; Mohammadreza Khorasaninejad ; Jaewon Oh ; Pasqualino Maddalena ; Federico Capasso</i>	
STRUCTURED LIGHT IN LINEAR AND NONLINEAR ENGINEERED MEDIA	621
<i>Natalia M. Litchinitser ; Salih Z. Silahli ; Mikhail I. Shalaev ; Jingbo Sun ; Tianboyu Xu ; Wiktor Walasik</i>	
DISPERSIONLESS METASURFACES USING DISPERSIVE META-ATOMS	623
<i>Ehsan Arbabi ; Amir Arbabi ; Seyedeh Mahsa Kamali ; Yu Horie ; Andrei Faraon</i>	
ENGINEERING SPECTRAL DISPERSION WITH MULTI-ORDERED OPTICAL METASURFACES USING INSERTION-LOSS METHOD	625
<i>Yue Li ; Iñigo Liberal ; Nader Engheta</i>	
EFFICIENT SECOND HARMONIC GENERATION FROM GAAS ALL-DIELECTRIC METASURFACES	627
<i>Sheng Liu ; Gordon A. Keeler ; John L. Reno ; Yuanmu Yang ; Michael B. Sinclair ; Igal Brener</i>	
WAVEFRONT MANIPULATION OF HARMONIC GENERATIONS VIA NONLINEAR METASURFACE	629
<i>Zhongwei Jin ; Weiming Zhu ; Xia Yu ; Hao Li ; Chengwei Qiu ; Changyuan Yu ; Yi Liu ; Ying Zhang</i>	
ON-CHIP GENERATION OF FOUR-PHOTON ENTANGLED QUBIT STATES	631
<i>Christian Reimer ; Michael Kues ; Piotr Roztock ; Lucia Caspani ; Yaron Bromberg ; Benjamin Wetzel ; Brent E. Little ; Sai T. Chu ; David J. Moss ; Roberto Morandotti</i>	
A TWO-CHANNEL SOURCE OF SPECTRALLY DEGENERATE POLARIZATION ENTANGLED STATES ON CHIP	633
<i>L. Sansoni ; K. H. Luo ; R. Ricken ; S. Krapick ; H. Herrmann ; C. Silberhorn</i>	
HIGH VISIBILITY TIME-ENERGY ENTANGLED PHOTONS FROM A SILICON MICRODISK RESONATOR	635
<i>Steven Rogers ; Daniel Mulkey ; Xiyuan Lu ; Wei C. Jiang ; Qiang Lin</i>	
SILICON-CHIP GENERATION OF MULTIPLEXED TELECOM-WAVELENGTH ENTANGLED PHOTONS PAIRS	637
<i>Michele Traetta ; Marco Bentivegna ; Florian Kaiser ; Djeylan Aktas ; Weiwei Zhang ; Carlos Alonso Ramos ; Lutfi-Arif Bin-Ngah ; Florent Mazeas ; Tommaso Lunghi ; Xavier Le Roux ; Eric Cassan ; Delphine Marris-Morini ; Laurent Vivien ; Laurent Labonté ; Sébastien Tanzilli</i>	
MONOLITHIC SEMICONDUCTOR ENTANGLED SOURCES SPANNING THE S-C-L BANDS	639
<i>Dongpeng Kang ; Ankita Anirban ; Amr S. Helmy</i>	
CORRELATED PHOTON PAIR GENERATION IN A DOUBLE-STRIPE SILICON NITRIDE WAVEGUIDE	641
<i>Xiang Zhang ; Yanbing Zhang ; Chunle Xiong ; Benjamin J. Eggleton</i>	
DEEP TOMOGRAPHY: POLARIZATION-ENTANGLED PHOTON PAIRS IN TECHNICOLOR	643
<i>B. Fang ; M. Liscidini ; J. E. Sipe ; V. O. Lorenz</i>	
COMPLETE BELL STATE MEASUREMENT REALIZED UTILIZING TIME-POLARIZATION HYPERENTANGLMENT	645
<i>Brian P. Williams ; Travis S. Humble</i>	
TOPOLOGICAL PHOTONIC CRYSTAL IN THREE DIMENSIONS	647
<i>Ling Lu ; Chen Fang ; Liang Fu ; Steven Johnson ; John Joannopoulos ; Marin Soljacic</i>	
PHOTONIC TOPOLOGICAL ZERO-MODES IN A 2D LATTICE	649
<i>Jiho Noh ; Wladimir Benalcazar ; Taylor L. Hughes ; Mikael C. Rechtsman</i>	
TOPOLOGICAL LASERS	651
<i>Gal Harari ; Miguel A. Bandres ; Yaakov Lumer ; Yonatan Plotnik ; Demetri N. Christodoulides ; Mordechai Segev</i>	
DIRAC PHYSICS IN SILICON VIA ‘PHOTONIC BORON NITRIDE’	653
<i>Matthew Collins ; Jack Zhang ; Richard Bojko ; Lukas Chrostowski ; Mikael C. Rechtsman</i>	
TOPOLOGICAL OPTICAL WAVEGUIDING IN SILICON AND BEATING BETWEEN TRIVIAL AND TOPOLOGICAL DEFECT MODES	655
<i>A. Blanco-Redondo ; I. Andonegui ; M. J. Collins ; G. Harari ; Y. Lumer ; M. C. Rechtsman ; B. J. Eggleton ; M. Segev</i>	
INDUCTION OF TOPOLOGICAL TRANSPORT BY LONG RANGED NONLINEARITY	657
<i>Y. Tenenbaum Katan ; R. Bekenstein ; M. Bandres ; Y. Lumer ; Y. Plotnik ; M. Segev</i>	
PHOTONIC TOPOLOGICAL DYNAMICS INDUCED BY CURVED SURFACES	659
<i>Eran Lustig ; Moshe Ishay Cohen ; Rivka Bekenstein ; Miguel A. Bandres ; Gal Harari ; Mordechai Segev</i>	
ARBITRARY AND SELF-CONFIGURING OPTICS — NEW OPPORTUNITIES FOR INTEGRATED AND NANO PHOTONICS	661
<i>David A. B. Miller</i>	

OPTICAL INVESTIGATION OF RADIATION INDUCED CONDUCTIVITY CHANGES IN STT-RAM CELLS	663
<i>Qiancheng Zhao ; Mohsen Rajaei ; Ilya Krivorotov ; Mikael Nilsson ; Nader Bagherzadeh ; Ozdal Boyraz</i>	
CORRELATED PEROVSKITES AS A NEW PLATFORM FOR SUPER BROADBAND TUNABLE PHOTONICS	665
<i>Zhaoyi Li ; You Zhou ; Hao Qi ; Norman Nan Shi ; Qiwei Pan ; Ming Lu ; Aaron Stein ; Christopher Y. Li ; Shriram Ramanathan ; Nanfang Yu</i>	
GRAPHENE HYBRID OPTOMECHANICS	667
<i>K. Schädler ; A. Reserbat-Plantey ; L. Gaudreau ; G. Navickaite ; J. Güttinger ; I. Tsioutsios ; A. Tabani ; C. Muschik ; M. Lewenstein ; D. Chang ; C. Toninelli ; A. Bachtold ; F. Koppens</i>	
ENGINEERING SPIN-SQUEEZED STATES FOR QUANTUM-ENHANCED ATOM INTERFEROMETRY	668
<i>Nils J. Engelsen ; Onur Hosten ; Rajiv Krishnakumar ; Mark A. Kasevich</i>	
ENTANGLEMENT BETWEEN RYDBERG EXCITED STATE AND GROUND-STATE SPIN WAVE	670
<i>Dong-Sheng Ding ; Bao-Sen Shi</i>	
A CAVITY-ENHANCED ROOM-TEMPERATURE BROADBAND RAMAN MEMORY	672
<i>P. M. Ledingham ; J. H. D. Munns ; S. E. Thomas ; T. F. M. Champion ; C. Qiu ; K. T. Kaczmarek ; A. Feizpour ; E. Poem ; I. A. Walmsley ; J. Nunn ; D. J. Saunders</i>	
ENTANGLING GATE WITH TRAPPED IONS USING LONG	674
<i>S. Weidt ; J. Randall ; S. C. Webster ; K. Lake ; A. E. Webb ; I. Cohen ; T. Navickas ; B. Lekitsch ; A. Retzker ; W. K. Hensinger</i>	
PICOSECOND, ULTRAVIOLET FIBER LASER AT 300MHZ REPETITION RATE: RESONANT QUANTUM LOGIC GATE SOURCE	676
<i>Mahmood Irtiza Hussain ; Matthew Joseph Petrasianus ; Mirko Lobino ; Erik Streed ; David Kielpinski</i>	
PARAMETRIC COOLING OF A DEGENERATE FERMI GAS BY SHAKING AN OPTICAL TRAP WITH ANHARMONIC FREQUENCIES	678
<i>Le Luo ; Jiaming Li ; Ji Liu ; Leonardo De Melo</i>	
DYNAMICALLY SHAPED OPTICAL DIPOLE ATOM TRAPS FOR RAPID COOLING TO QUANTUM DEGENERACY	680
<i>Ryan Bowler ; Richard Roy ; Alaina Green ; Subhadeep Gupta</i>	
TIME-RESOLVED SCATTERING OF A SINGLE PHOTON BY A SINGLE ATOM	682
<i>Matthias Steiner ; Victor Leong ; Mathias Alexander Seidler ; Alessandro Cerè ; Christian Kurtsiefer</i>	
DISORDER FINGERPRINT — THE DISTRIBUTION OF LOCAL DENSITY OF STATES IN RANDOM MEDIA	684
<i>Roxana Rezvani Naraghi ; Sergey Sukhov ; Aristide Dogariu</i>	
NANOMETRIC ANDERSON LOCALIZATION AT OPTICAL WAVELENGTHS	686
<i>Hanan Herzog Sheinflux ; Yaakov Lumer ; Guy Ankonina ; Azriel Genack ; Guy Bartal ; Mordechai Segev</i>	
DIRECT MEASUREMENT OF ANDERSON LOCALISATION IN LARGE-SCALE COUPLED RESONATOR SLOW-LIGHT WAVEGUIDES	688
<i>Devin H. Smith ; Eiichi Kuramochi ; Masaya Notomi</i>	
OBSERVATION OF LASING IN AN ANDERSON LOCALIZING OPTICAL FIBER	690
<i>Behnam Abaie ; Esmail Mobini ; Salman Karbasi ; John Ballato ; Arash Mafi</i>	
BROADLY-TUNABLE PULSE GENERATION IN CAVITY-FREE GRAPHENE RANDOM FIBER LASERS	692
<i>B. C. Yao ; Y. J. Rao ; Z. N. Wang ; Y. Wu ; J. H. Zhou ; H. Wu ; W. L. Zhang ; Y. F. Chen ; Y. R. Li ; D. Churkin ; S. Turitsyn ; C. W. Wong</i>	
HYBRID LOCALIZED WAVES SUPPORTED BY RESONANT ANISOTROPIC METASURFACES	694
<i>A. A. Bogdanov ; O. Y. Yermakov ; A. I. Ovcharenko ; M. Song ; D. A. Baranov ; I. S. Sinev ; I. S. Mukhin ; A. K. Samusev ; I. V. Iorsh ; A. V. Lavrinenko ; Yu. S. Kivshar</i>	
HIGHLY DIRECTIONAL FLUORESCENT EMISSION AT VISIBLE WAVELENGTHS WITH A SILICON METASURFACE	696
<i>Wuzhou Song ; Shi-Qiang Li ; Kenneth B. Crozier</i>	
DYNAMIC LOCALIZATION BY CURVED SPACE	698
<i>Moshe-Ishay Cohen ; Eran Lustig ; Rivka Bekenstein ; Hanan Herzog Sheinflux ; Yaakov Lumer ; Mordechai Segev</i>	
THREE-DIMENSIONAL HOLOGRAPHIC NONLINEAR METAMATERIALS	700
<i>Euclides Almeida ; Yehiam Prior</i>	
HIGH EFFICIENCY PHASE GRADIENT METASURFACE USING REFRACTORY PLASMONIC ZIRCONIUM NITRIDE	702
<i>K. Chaudhuri ; A. M. Shaltout ; U. Guler ; V. M. Shalaev ; A. Boltasseva</i>	
CONFIGURATION INTERACTION ON PLASMO-PHOTONIC METASURFACES CONTROLLING OPTICAL TRANSITIONS	704
<i>Masanobu Iwanaga ; Bongseok Choi ; Hideki T. Miyazaki ; Yoshimasa Sugimoto</i>	
ASYMMETRIC SURFACE PLASMON WAKE GENERATION WITH A METASTRUCTURE	706
<i>Alexander Y. Zhu ; Daniel Wintz ; Antonio Ambrosio ; Patrice Genevet ; Federico Capasso</i>	
CIRCULAR POLARIZATION SELECTIVE ALUMINUM NANO-SPIRALS AT ULTRAVIOLET WAVELENGTHS	708
<i>Matthew S. Davis ; Jared Strait ; Jay K. Lee ; Steve Blair ; Amit Agrawal ; Henri J. Lezec</i>	
CONTROLLING THE POLARIZATION STATE OF LIGHT WITH METASURFACES VIA THE EXCITATION OF PLANE-WAVE AND FOCUSED ELECTRON BEAM	710
<i>Yu-Hui Hu ; Shang-Chi Jiang ; Zheng-Han Wang ; Xiang Xiong ; Ru-Wen Peng ; Mu Wang</i>	
TAILORING OPTICAL SUPER-OSCILLATIONS WITH METASURFACES	712
<i>Guanghui Yuan ; Edward T. F. Rogers ; Nikolay I. Zheludev</i>	
TWO-OCTAVE-WIDE UV-VIS RAMAN SPECTRA GENERATED IN HOLLOW-CORE PCF FILLED WITH GAS MIXTURES	714
<i>P. Hosseini ; A. Abdolvand ; P. St. J. Russell</i>	

SCALE-INVARIANT NONLINEAR OPTICAL EFFECTS IN GASES	716
<i>C. M. Heyl ; H. Coudert-Alteirac ; M. Miranda ; M. Louisy ; K. Kovacs ; V. Tosa ; E. Balogh ; K. Varjú ; A. L'Huilier ; A. Couairon ; C. L. Arnold</i>	
QUASI-PHASE-MATCHED ELECTRIC-FIELD-INDUCED SECOND-HARMONIC IN GAS-FILLED HOLLOW-CORE PCF	718
<i>Jean-Michel Menard ; Philip St. J. Russell</i>	
GENERATION OF 800 NJ, 133 NM FEMTOSECOND VACUUM UV PULSES BY THIRD HARMONIC GENERATION IN ARGON	720
<i>Peter Trabs ; Hans-Hermann Ritze ; Frank Noack</i>	
INTENSITY STABILIZATION OF IONIZING PULSES IN HIGH-PRESSURE, GAS-FILLED CAPILLARIES	722
<i>Xiaohui Gao ; Gauri Patwardhan ; Bonggu Shim ; Tenio Popmintchev ; Henry C. Kapteyn ; Margaret M. Murnane ; Alexander L. Gaeta</i>	
NONLINEAR OPTICS IN SUPERFLUID HELIUM-FILLED HOLLOW-CORE FIBER	724
<i>W. H. Renninger ; R. O. Behunin ; P. T. Rakich</i>	
GENERATION OF DUV/VUV RAMAN FREQUENCY COMB VIA MOLECULAR MODULATION IN A H₂-FILLED KAGOMÉ-PCF	726
<i>M. K. Mridha ; D. Novoa ; S. T. Bauerschmidt ; A. Abdolvand ; P. St. J. Russell</i>	
QUANTUM-SHOT-NOISE-DRIVEN OPTICAL ANTENNAS	728
<i>B. Hecht ; J. Kern ; R. Kullock ; J. P. Prangsma ; M. Emmerling ; M. Kamp</i>	
TOWARDS STRONG LIGHT-MATTER COUPLING AT THE SINGLE-RESONATOR LEVEL WITH SUB-WAVELENGTH MID-INFRARED ANTENNAS	730
<i>M. Malerba ; T. Ongarello ; B. Paulillo ; J-M. Manceau ; G. Beaudoin ; I. Sagnes ; F. De Angelis ; R. Colombelli</i>	
ISOLATED AND COLLECTIVE MAGNETIC RESONANCES IN DIELECTRIC NANOPARTICLES AT OPTICAL FREQUENCIES	732
<i>Shi-Qiang Li ; Wuzhou Song ; Kenneth B. Crozier</i>	
PLANAR OPTICAL ANTENNA TO DIRECT LIGHT EMISSION	734
<i>S. Checcucci ; P. E. Lombardi ; S. Rizvi ; F. Sgrignuoli ; N. Gruhler ; F. B. C. Dieleman ; F. S. Cataliotti ; W. H. P. Pernice ; M. Agio ; C. Toninelli</i>	
MAGNETOPLASMONIC CRYSTALS BASED ON ANISOTROPIC NANOANTENNAS	736
<i>Luca Bergamini ; Nicolò Maccaferri ; Matteo Pancaldi ; Mikolaj K. Schmidt ; Mikko Kataja ; Sebastiaan Van Dijken ; Nerea Zabala ; Javier Aizpurua ; Paolo Vavassori</i>	
FROM HIGH-Q MAGNETIC DIPOLE SCATTERING TO BROADBAND ELECTRIC FIELD LOCALIZATION BY SILICON NANOPARTICLE ON METAL	738
<i>A. A. Bogdanov ; I. S. Sinev ; I. V. Iorsh ; D. V. Peryakov ; F. E. Komissarenko ; I. S. Mukhin ; A. K. Samusev ; A. E. Miroschnichenko ; Yu. S. Kivshar</i>	
SUPERRADIANCE IN TWO-DIMENSIONAL ARRAYS OF NANOANTENNAS	740
<i>Saumya Choudhary ; Sylvia D. Swiecicki ; Israel De Leon ; Sebastian A. Schulz ; Jeremy Upham ; J. E. Sipe ; Robert W. Boyd</i>	
AN INTEGRATED OPTICAL MEMORY BASED ON LASER WRITTEN WAVEGUIDES	742
<i>M. Mazzera ; Giacomo Corrielli ; Alessandro Seri ; Roberto Osellame ; Hugues De Riedmatten</i>	
50 GHZ QUANTUM PHOTONIC STORAGE IN A CAVITY-PROTECTED RARE-EARTH ENSEMBLE	744
<i>Tian Zhong ; Jonathan Kindem ; Jake Rochman ; Andrei Faraon</i>	
TOWARD BULK CRYSTAL COHERENCE TIMES IN EU³⁺:Y₂O₃ NANOCRYSTALS	746
<i>John G. Bartholomew ; Karmel De Oliveira Lima ; Alban Ferrier ; Philippe Goldner</i>	
CLOSING OPTICAL TRANSITIONS FOR SINGLE RARE-EARTH ION SPIN READOUT	748
<i>John G. Bartholomew ; Rose L. Ahlfeldt ; Matthew J. Sellars</i>	
APPLICATIONS OF A PICOSECOND-LIFETIME QUANTUM MEMORY	750
<i>D. G. England ; P. J. Bustard ; B. J. Sussman ; K. A. G. Fisher ; J. -P. W. Maclean ; K. J. Resch</i>	
COHERENT BIDIRECTIONAL MICROWAVE-OPTICAL CONVERSION USING RYDBERG ATOMS	752
<i>Amir Feizpour ; Martin Kiffner ; Krzysztof T. Kaczmarek ; Dieter Jaksch ; Joshua Nunn</i>	
STORAGE BASED ON COHERENT POPULATION OSCILLATIONS	754
<i>Marie-Aude Maynard ; Romain Bouchez ; Pascal Neveu ; Jasleen Lugani ; Sanmoy Mandal ; Chitram Banerjee ; Rupamanjari Ghosh ; Fabien Bretenaker ; Etienne Brion ; Fabienne Goldfarb</i>	
HYBRIDIZATION: A ROUTE TO STATE ENGINEERING FOR QUANTUM-ENHANCED METROLOGY	756
<i>William J. Munro ; Shane Dooley ; Emi Yukawa ; Yuichiro Matsuzaki ; Kae Nemoto</i>	
PROBING ULTRAFAST MAGNETIZATION DYNAMICS WITH HIGH-HARMONIC MAGNETIC CIRCULAR DICHROISM	758
<i>C. Von Korff Schmising ; F. Willems ; N. Zhavoronkov ; C. T. L. Smeenk ; O. Kornilov ; I. Radu ; M. J. J. Vrakking ; S. Eisebitt</i>	
ULTRAFAST TRANSIENT ABSORPTION AT THE GERMANIUM M_{4,5}-EDGE TO MEASURE ELECTRON AND HOLE DYNAMICS	760
<i>Lauren J. Borja ; Andrey Gandman ; M. Zürich ; James S. Prell ; C. D. Pemmaraju ; David Prendergast ; Daniel M. Neumark ; Stephen R. Leone</i>	
DYNAMIC CONTROL OF FUNDAMENTAL PHYSICAL INTERACTIONS IN STRONGLY-CORRELATED OXIDES	762
<i>Alexander X. Gray</i>	
ULTRAFAST X-RAY PROBE OF DYNAMICS IN CHROMIUM	764
<i>Brian K. McFarland ; Rohit P. Prasankumar ; George Rodriguez ; Richard L. Sandberg ; Antoinette J. Taylor ; Stuart Trugman ; Jian-Xin Zhu ; Dmitry Yarotski</i>	
PLASMONIC SENSING WITH QUANTUM NOISE	766
<i>Ben Lawrie ; Wenjiang Fan ; Raphael Pooser</i>	

BROADBAND ON-CHIP PLASMONIC SPECTROSCOPY FOR NEAR-INFRARED ABSORPTION OF AROMATIC COMPOUNDS	768
<i>Erwen Li ; Xinyuan Chong ; Fanghui Ren ; Alan X. Wang</i>	
“TERAMOMETRY” AND PLASMONIC NANOPARTICLE IMAGING FOR TEMPERATURE-SENSING IN THE TERAHERTZ REGIME	770
<i>Anna Mazhorova ; Rafik Naccache ; Matteo Clerici ; Larousse Khosravi Khorashad ; Alexander O. Govorov ; Luca Razzari ; Fiorenzo Vetrone ; Roberto Morandotti</i>	
GRAPHENE AS ENABLING MATERIAL FOR INFRARED PLASMONIC BIOSENSORS	772
<i>Daniel Rodrigo ; Odeta Limaj ; Davide Janner ; Dordaneh Etezadi ; Javier García-De-Abajo ; Valerio Pruneri ; Hatice Altug</i>	
OBSERVATION OF SINGLE MOLECULE DYNAMIC BEHAVIORS WITH SERS: DESORPTION AND CONFORMATION SWITCHING	774
<i>Jing Long ; Tian Yang</i>	
SURFACE ENHANCED RAMAN SPECTROSCOPY ON SINGLE MODE NANOPHOTONIC-PLASMONIC WAVEGUIDES	776
<i>F. Peyskens ; A. Dhakal ; P. Van Dorpe ; N. Le Thomas ; R. Baets</i>	
REVERSING THE TRANSITION FROM AN UNBROKEN TO A BROKEN PHASE IN A PT-SYMMETRIC DIMER LASER	778
<i>Absar U. Hassan ; Hossein Hodaiei ; Mohammad-Ali Miri ; Mercedeh Khajavikhan ; Demetrios N. Christodoulides</i>	
OBSERVATION OF FLAT-BAND IMAGE TRANSMISSION IN OPTICALLY INDUCED LIEB PHOTONIC LATTICES	780
<i>Shiqiang Xia ; Yi Hu ; Daohong Song ; Yuanyuan Zong ; Liqin Tang ; Zhigang Chen</i>	
ULTRA-SENSITIVE PT-SYMMETRIC COUPLED CAVITIES	782
<i>Hossein Hodaiei ; Absar U. Hassan ; Jinhan Ren ; William E. Hayenga ; Demetrios N. Christodoulides ; Mercedeh Khajavikhan</i>	
UNIVERSAL SIGN-CONTROL OF EVANESCENT COUPLING	784
<i>Matthias Heinrich ; Robert Keil ; Charles Poli ; Jake Arkinstall ; Gregor Weihs ; Henning Schomerus ; Alexander Szameit</i>	
SUBLATTICE-TIME SYMMETRY AND THE HIDDEN PT-SYMMETRY IN NON-HERMITIAN BIPARTITE OPTICAL LATTICES	786
<i>Miguel A. Bandres ; Gal Harari ; Mordechai Segev</i>	
PROBING THE SCATTERING CHARACTERISTICS OF SUPERSYMMETRIC PHOTONIC STRUCTURES	788
<i>Matthias Heinrich ; Mohammad-Ali Miri ; Simon Stützer ; Stefan Nolte ; Demetrios N. Christodoulides ; Alexander Szameit</i>	
OPTOMECHANICAL INTERACTIONS IN NON-HERMITIAN PHOTONIC MOLECULES	790
<i>D. W. Schönleber ; M. H. Teimoupour ; R. El-Ganainy ; A. Eisfeld</i>	
OBSERVATION OF NOISE-ASSISTED ENERGY TRANSPORT IN DYNAMICALLY DISORDERED PHOTONIC LATTICES	792
<i>Diego Guzman-Silva ; Roberto De J. León-Montiel ; Matthias Heinrich ; Juan P. Torres ; Hector Moya-Cessa ; Armando Perez-Leija ; Alexander Szameit</i>	
PLASMONIC ORGANIC HYBRID BRAGG GRATING MODULATOR	794
<i>C. Haffner ; J. Niegemann ; A. Lochbaum ; Y. Fedoryshyn ; F. Ducry ; M. Burla ; W. Heni ; A. Emboras ; C. Hafner ; J. Leuthold</i>	
ULTRAFAST CONTROL OF PLASMONIC NANOANTENNAS DRIVEN BY HOT-SPOT INDUCED PHASE-TRANSITIONS IN VO₂	796
<i>Luca Bergamini ; Yudong Wang ; Jeffrey M. Gaskell ; Nerea Zabala ; C. H. De Groot ; David W. Sheel ; Javier Aizpurua ; Otto L. Muskens</i>	
TERAHERTZ NANOGAP ENABLED PHASE TRANSITION ENGINEERING ON VANADIUM DIOXIDE	799
<i>Young-Gyun Jeong ; Sanghoon Han ; Jiyeah Rhie ; Ji-Soo Kyoung ; Jae-Wook Choi ; Namkyoo Park ; Seunghun Hong ; Bong-Jun Kim ; Hyun-Tak Kim ; Dai-Sik Kim</i>	
TERAHERTZ OPTOELECTRONIC SWITCHING WITH SURFACE PLASMON	801
<i>Polariton Diode ; Raj K Vinnakota ; Dentcho A. Genov</i>	
HIGH-QUALITY-FACTOR CUP RESONATOR FOR PLASMONIC SENSOR AND PLASMON LASER	803
<i>Wenqi Zhu ; Ting Xu ; Amit Agrawal ; Henri J. Lezec</i>	
ULTRAFAST ZNO NANOWIRE LASERS: NANOPLASMONIC ACCELERATION OF GAIN DYNAMICS AT THE SURFACE PLASMON POLARITON FREQUENCY	805
<i>Themistoklis P. H. Sidiropoulos ; Robert Röder ; Sebastian Geburt ; Ortrwin Hess ; Stefan A. Maier ; Carsten Ronning ; Rupert F. Oulton</i>	
SECOND-ORDER COHERENCE MEASUREMENT OF A METALLIC COAXIAL NANOLASER	807
<i>W. E. Hayenga ; H. Garcia-Gracia ; H. Hodaiei ; P. Likamwa ; M. Khajavikhan</i>	
LASING EMISSION FROM PLASMONIC NANODOME ARRAYS	809
<i>Hsin-Yu Wu ; Longju Liu ; Meng Lu ; Brian T. Cunningham</i>	
A TELECOM-BAND CAVITY-ENHANCED SINGLE-PHOTON SOURCE WITH HIGH KLYSHKO EFFICIENCIES	811
<i>Xiyuan Lu ; Steven Rogers ; Thomas Gerrits ; Wei C. Jiang ; Sae Woo Nam ; Qiang Lin</i>	
FREQUENCY MULTIPLEXING FOR QUASI-DETERMINISTIC HERALDED SINGLE-PHOTON SOURCES	813
<i>Chaitali Joshi ; Alessandro Farsi ; Stéphane Clemmen ; Sven Ramelow ; Alexander Gaeta</i>	
SPATIAL MULTIPLEXING OF HIGH-PURITY HERALDED SINGLE PHOTONS IN AN INTEGRATED FIBRE ARCHITECTURE	815
<i>Robert J. A. Francis-Jones ; Rowan A. Hoggarth ; Peter J. Mosley</i>	
EFFICIENT SINGLE PHOTON COLLECTION BASED ON PHASED-MATCHED MICROFIBER-MICROCAVITY COUPLING	817
<i>Chang-Min Lee ; Hee-Jin Lim ; Mireu Lee ; Christian Schneider ; Sebastian Maier ; Sven Höfling ; Martin Kamp ; Yong-Hee Lee</i>	
ESTABLISHING QUANTUM HYBRID SYSTEMS WITH TAILORED PHOTONS	819
<i>Andreas Ahlrichs ; Tim Kroh ; Chris Müller ; Benjamin Sprenger ; Oliver Benson</i>	

LIMITATIONS OF MICRORESONATORS AS HERALDED SINGLE PHOTON SOURCES	821
<i>Z. Vernon ; J. E. Sipe ; M. Liscidini</i>	
INDISTINGUISHABLE HERALDED SINGLE PHOTONS FROM TWO SEPARATE SILICON NANOWIRES PUMPED AT DIFFERENT WAVELENGTHS	823
<i>Xiang Zhang ; Runyu Jiang ; Bryn A. Bell ; Duk-Yong Choi ; Chang Joon Chae ; B. J. Eggleton ; C. Xiong</i>	
HIGHLY-EFFICIENT POLARIZATION-INSENSITIVE HOLOGRAMS BASED ON DIELECTRIC METASURFACES	825
<i>Katie E. Chong ; Lei Wang ; Isabelle Staude ; Sergey Kruk ; Anthony James ; Jason Dominguez ; Ganapathi S. Subramania ; Manuel Decker ; Igal Brener ; Dragomir N. Neshev ; Yuri S. Kivshar</i>	
METAFILM: METAMATERIAL ARRAY EMBEDDED IN ORGANIC THIN FILM	827
<i>Tomohiro Amemiya ; Toru Kanazawa ; Tatsuhiro Urakami ; Atsushi Ishikawa ; Naoya Hojo ; Akio Yasui ; Nobuhiko Nishiyama ; Takuo Tanaka ; Shigehisa Arai</i>	
HIGH EFFICIENCY NEAR DIFFRACTION-LIMITED MID-INFRARED FLAT LENSES BASED ON METASURFACE REFLECTARRAYS	829
<i>Shuyan Zhang ; Myoung-Hwan Kim ; Francesco Aieta ; Alan She ; Tobias Mansuripur ; Ilan Gabay ; Mohammadreza Khorasaninejad ; David Rousso ; Xiaojun Wang ; Mariano Troccoli ; Nanfang Yu ; Federico Capasso</i>	
PLANAR LENS AT VISIBLE: METASURFACE VERSUS REFRACTIVE OPTICS	831
<i>M. Khorasaninejad ; W. T. Chen ; R. C. Devlin ; J. Oh ; F. Capasso</i>	
IMPLEMENTATION OF METASURFACE BASED NANO-CAVITIES	833
<i>Amr M. Shaltout ; Jongbum Kim ; Alexander V. Kildishev ; Alexandra Boltasseva ; Vladimir M. Shalaev</i>	
BROADBAND VISIBLE WAVELENGTH HIGH EFFICIENCY META-GRATINGS	835
<i>A. Y. Zhu ; M. Khorasaninejad ; W. T. Chen ; J. Oh ; R. C. Devlin ; F. Capasso</i>	
DIFFRACTIVE LENSES IN THE RESONANCE DOMAIN	837
<i>Omri Barlev ; Michael A. Golub</i>	
NECKLACE BEAM GENERATION USING STRUCTURED LIGHT IN METAMATERIALS	839
<i>Salih Z. Silahli ; Wiktor Walasik ; Natalia M. Litchinitser</i>	
SIMULTANEOUS ACCESS TO C AND N ABSORPTION EDGES OF B:SUBPC:CL IN THE WATER-WINDOW WITH AN ATTOSECOND PULSE	841
<i>S. M. Teichmann ; B. Buades ; S. Cousin ; F. Silva ; J. Biegert</i>	
POLARIZATION GATING OF HIGH HARMONIC GENERATION IN THE WATER WINDOW	843
<i>Jie Li ; Xiaoming Ren ; Yanchun Yin ; Yan Cheng ; Eric Cunningham ; Yi Wu ; Zenghu Chang</i>	
ATTOSECOND STREAKING MEASUREMENTS OF EXTREME ULTRAVIOLET PULSES USING AN INFRARED LIGHT SOURCE	845
<i>Nobuhisa Ishii ; Nariyuki Saito ; Teruto Kanai ; Shuntaro Watanabe ; Jiro Itatani</i>	
INNER SHELL EXCITATIONS THROUGH LASER INDUCED ELECTRON RECOLLISION	847
<i>Yunpei Deng ; Zhinan Zeng ; Zhengmao Jia ; Pavel ; Komm ; Yinhui Zheng ; Xiaochun Ge ; Ruxin Li ; Gilad Marcus</i>	
OBSERVATION OF INNER-SHELL RESONANCES IN HIGH-ORDER HARMONIC GENERATION FROM MANGANESE	849
<i>M. A. Fareed ; N. Thiré ; V. Cardin ; S. Mondal ; B. E. Schmidt ; F. Légaré ; T. Ozaki</i>	
50-MJ WAVEFORM SYNTHESIZER FOR GENERATING MICROJOULE-SCALE ISOLATED ATTOSECOND PULSES	851
<i>Eiji J. Takahashi ; Yuuki Tamaru ; Yuxi Fu ; Oliver D. Mücke ; Franz X. Kärtner ; Akira Suda ; Katsumi Midorikawa</i>	
HIGH-ENERGY, HIGH-EFFICIENCY, AND HIGH-REPETITION-RATE OPCPA AT 1.7 μM	853
<i>Yanchun Yin ; Jie Li ; Xiaoming Ren ; Kun Zhao ; Yi Wu ; Eric Cunningham ; Zenghu Chang</i>	
KAGOME FIBER BASED NONLINEAR PULSE COMPRESSION OF 1.8 PS TO 250 FS AT 2.05 μM FROM HO:YLF AMPLIFIER	855
<i>Krishna Murari ; Gregory J. Stein ; Huseyin Cankaya ; Benoit Debord ; Frédéric G��rome ; Giovanni Cirmi ; Oliver D. Mücke ; Peng Li ; Axel Ruehl ; Ingmar Hartl ; Kyung-Han Hong ; Fetah Benabid ; Franz X. K��rtner</i>	
TERAHERTZ QUANTUM PLASMONICS AT ANGSTROM SCALE	857
<i>Young-Mi Bahk ; Bong Joo Kang ; Yong Seung Kim ; Joon-Yeon Kim ; Won Tae Kim ; Tae Yun Kim ; Taehee Kang ; Jiyeah Rhie ; Sanghoon Han ; Cheol-Hwan Park ; Fabian Rotermond ; Dai-Sik Kim</i>	
GUIDING AND COUPLING LIGHT THROUGH NONLINEAR PLASMONIC NANOSUSPENSIONS	859
<i>Yu-Xuan Ren ; Trevor Kelly ; Akbar Samadi ; Anna Bezryadina ; Demetrios Christodoulides ; Zhigang Chen</i>	
ENHANCED THIRD-HARMONIC GENERATION IN SILICON OLIGOMERS DRIVEN BY MAGNETIC FANO RESONANCE	861
<i>Alexander S. Shorokhov ; Elizaveta V. Melik-Gaykazyan ; Daria A. Smirnova ; Ben Hopkins ; Katie E. Chong ; Duk-Yong Choi ; Maxim R. Shcherbakov ; Andrey E. Miroshnichenko ; Dragomir N. Neshev ; Andrey A. Fedyanin ; Yuri S. Kivshar</i>	
ASYMMETRIC SECOND HARMONIC GENERATION IN ANISOTROPIC PLASMONIC CRYSTALS	863
<i>A. L. Chekhov ; I. Razdolski ; A. Kirilyuk ; Th. Rasing ; A. I. Stognij ; T. V. Murzina</i>	
MEASUREMENT OF COUPLING BETWEEN INDIVIDUAL INTERFACIAL QUANTUM DOTS	865
<i>Eric W. Martin ; Steven T. Cundiff</i>	
NONLINEAR MICROSCOPY OF NANO-OBJECTS USING EXCITATION BEAM PROFILES WITH ENGINEERED PHASE JUMPS	868
<i>L. Turquet ; J. -P. Kakko ; L. Karvonen ; H. Jiang ; T. J. Isotalo ; T. Huhtio ; T. Niemi ; E. Kauppinen ; H. Lipsanen ; M. Kauranen ; G. Bautista</i>	
NEAR-FIELD NANOLASERS BASED ON NONRADIATING ANAPOLE MODES	870
<i>Juan Sebastian Toterogongora ; Andrey E. Miroshnichenko ; Yuri S. Kivshar ; Andrea Fratalocchi</i>	
DEMONSTRATION OF FREQUENCY CONVERSION AT AN OPTICAL EVENT HORIZON WITH CROSS POLARIZED WAVES IN BIREFRINGENT NANOPHOTONIC WAVEGUIDES	872
<i>C. Ciret ; S. -P. Gorza</i>	

RADIATIVE COOLING NANO-PHOTONIC STRUCTURES DISCOVERED IN SAHARAN SILVER ANTS AND RELATED BIOMIMETIC METASURFACES	874
<i>Norman Nan Shi ; Cheng-Chia Tsai ; Fernando Camino ; Gary D. Bernard ; Rüdiger Wehner ; Nanfang Yu</i>	
SPECTRALLY SELECTIVE THERMAL EMITTER WITH FLAT METALLIC FILMS BASED ON TUNNELING EFFECT	876
<i>Zhu Wang ; Ting Shan Luk ; Yixuan Tan ; Dengxin Ji ; Ming Zhou ; Qiaoqiang Gan ; Zongfu Yu</i>	
NANOPHOTONIC CONTROL OF HEAT: NEW FUNDAMENTAL EFFECTS AND APPLICATIONS	878
<i>Shanhui Fan</i>	
PHOTONIC STRUCTURE TEXTILE DESIGN FOR LOCALIZED THERMAL MANAGEMENT VIA RADIATIVE COOLING	879
<i>Peter B. Catrysse ; Alex Y. Song ; Shanhui Fan</i>	
RADIATIVE COOLING OF SOLAR ABSORBERS USING A TRANSPARENT PHOTONIC CRYSTAL THERMAL BLACKBODY	881
<i>Linxiao Zhu ; Aaswath P. Raman ; Shanhui Fan</i>	
EXTRAORDINARILY LARGE OPTICAL CROSS SECTION FOR LOCALIZED SINGLE NANORESONATOR	883
<i>Ming Zhou ; Lei Shi ; Jian Zi ; Zongfu Yu</i>	
SILICON-BASED METALENS WITH ZERO REFRACTIVE INDEX	885
<i>Xin-Tao He ; Shao-Zeng Xu ; Ming-Li Chang ; Zhi-Zhen Huang ; Jun-Cong She ; Jian-Wen Dong</i>	
FLOODLIGHT QUANTUM KEY DISTRIBUTION	887
<i>Quntao Zhuang ; Zheshen Zhang ; Justin Dove ; Franco N. C. Wong ; Jeffrey H. Shapiro</i>	
DEMONSTRATION OF LOSS-TOLERANT QUANTUM KEY DISTRIBUTION	889
<i>Zheshen Zhang ; Quntao Zhuang ; Franco N. C. Wong ; Jeffrey H. Shapiro</i>	
DISCRETE-VARIABLE TIME-FREQUENCY QUANTUM KEY DISTRIBUTION	891
<i>Nurul T. Islam ; Clinton Cahall ; Andrés Aragonés ; Charles Ci Wen Lim ; Michael S. Allman ; Varun Verma ; Sae Woo Nam ; J. Kim ; Daniel J. Gauthier</i>	
PRINCIPLE AND DEMONSTRATION OF QUANTUM KEY DISTRIBUTION WITHOUT MONITORING DISTURBANCE	893
<i>Masato Koashi</i>	
WIDEBAND NONLINEAR FREQUENCY CONVERSION WITH OAM FIBER	895
<i>B. Tai ; P. Gregg ; L. Rishoj ; S. Ramachandran</i>	
HIGH-RATE LARGE-ALPHABET QUANTUM KEY DISTRIBUTION OVER DEPLOYED TELECOM FIBER	897
<i>Catherine Lee ; Darius Bunandar ; Zheshen Zhang ; Gregory R. Steinbrecher ; P. Ben Dixon ; Franco N. C. Wong ; Jeffrey H. Shapiro ; Scott A. Hamilton ; Dirk Englund</i>	
EPSILON-NEAR-ZERO PHOTONIC WIRES	899
<i>R. Liu ; C. Roberts ; Y. Zhong ; V. Podolskiy ; D. Wasserman</i>	
ACHIRAL NANOPROBES EXTRACT CHIRAL SIGNALS FROM WITHIN CHIRAL METAMATERIALS	901
<i>Sean P. Rodrigues ; Yonghao Cui ; Shoufeng Lan ; Lei Kang ; Wenshan Cai</i>	
EXPERIMENTAL DEMONSTRATION OF OPTICAL METAMATERIALS WITH ISOTROPIC NEGATIVE INDEX	903
<i>Sui Yang ; Xingjie Ni ; Boubacar Kante ; Jie Zhu ; Kevin O'Brien ; Yuan Wang ; Xiang Zhang</i>	
SHAPE MEMORY PHOTONIC METAMATERIAL	905
<i>Masanori Tsuruta ; João Valente ; Behrad Gholipour ; Kevin F. Macdonald ; Eric Plum ; Nikolay I. Zheludev</i>	
2D AND 3D ALL DIELECTRIC METAMATERIALS MADE FROM III-V SEMICONDUCTORS	907
<i>Sheng Liu ; Gordon A. Keeler ; John L. Reno ; Michael B. Sinclair ; Igal Brener</i>	
HOMOGENIZATION OF NANOWIRE-BASED COMPOSITES WITH ANISOTROPIC UNIT CELL AND LAYERED SUBSTRUCTURE	909
<i>Brian M. Wells ; Wei Guo ; Viktor A. Podolskiy</i>	
MIMICKING LIQUID CRYSTALS WITH METAMATERIALS	911
<i>Mingkai Liu ; Kebin Fan ; Willie Padilla ; David A. Powell ; Xin Zhang ; Ilya V. Shadrivov</i>	
CHIRAL SWITCHABLE THZ METAMATERIAL WITH MEMS RECONFIGURABLE SPIRALS	913
<i>Tetsuo Kan ; Akihiro Isozaki ; Natsuki Kanda ; Natsuki Nemoto ; Kuniaki Konishi ; Hidetoshi Takahashi ; Makoto Kuwata-Gonokami ; Kiyoshi Matsumoto ; Isao Shimoyama</i>	
PRODUCTION OF TENS-OF-MEV COMPTON GAMMA-RAYS FROM A 2 GEV LASER-PLASMA ELECTRON ACCELERATOR	915
<i>J. M. Shaw ; A. C. Bernstein ; Y. Y. Chang ; R. Zgadzaj ; A. Hannasch ; K. Weichmann ; J. Welch ; M. Laberge ; W. Henderson ; H. E. Tsai ; N. Fazel ; X. Wang ; T. Ditmire ; M. Donovan ; G. Dyer ; E. Gaul ; J. Gordon ; M. Martinez ; M. Spinks ; T. Toncian ; M. C. Downer</i>	
DIELECTRIC LASER ACCELERATION OF SUB-100KEV ELECTRONS WITH SILICON DUAL PILLAR GRATING STRUCTURES	917
<i>Kenneth J. Leedle ; Andrew Ceballos ; Huiyang Deng ; Olav Solgaard ; R. Fabian Pease ; Robert L. Byer ; James S. Harris</i>	
MONOENERGETIC RELATIVISTIC ELECTRON PULSES BY LASER-DRIVEN LINEAR ACCELERATION IN FREE SPACE	919
<i>Liang Jie Wong ; Kyung-Han Hong ; Sergio Carbajo ; Arya Fallahi ; Marin Soljacic ; John D. Joannopoulos ; Franz X. Kärtner ; Ido Kaminer</i>	
PLASMA SHEET AND STRONG TERAHERTZ GENERATION WITH ELLIPTICALLY SHAPED TWO-COLOR LASER PULSES	921
<i>D. Kuk ; Y. J. Yoo ; E. Rosenthal ; N. Jhajj ; H. M. Milchberg ; K. Y. Kim</i>	
GENERATION OF 100-GHZ RADIATION IN LITHIUM NIOBATE DRIVEN BY 4.7-PS, 22-MJ, 1030-NM YB:YAG LASER PULSES	923
<i>X. Wu ; A. -L. Calendron ; K. Ravi ; C. Zhou ; M. Hemmer ; F. Reichert ; H. Cankaya ; L. E. Zapata ; N. H. Matlis ; F. X. Kärtner</i>	

SUPERRADIANCE OF AIR PLASMA INDUCED BY ELECTRON RECOLLISION	925
<i>Yi Liu ; Pengji Ding ; Guillaume Lambert ; Aurélien Houard ; Vladimir Tikhonchuk ; André Mysyrowicz</i>	
A NONLINEAR WAVEGUIDE ARRAY WITH INHOMOGENEOUS POLING PATTERN FOR THE GENERATION OF PHOTON PAIRS	927
<i>Francesco Lenzini ; James Tischner ; Sachin Kasture ; Alexander N. Poddubny ; Andreas Boes ; Ben Haylock ; Matteo Villa ; Arnan Mitchell ; Alexander S. Solntsev ; Andrey A. Sukhorukov ; Mirko Lobino</i>	
PHOTON-PAIR GENERATION IN NONLINEAR LOSSY WAVEGUIDES: AN OPTICAL EMULATION	929
<i>Markus Gräfe ; Diana A. Antonosyan ; Alexander S. Solntsev ; Alexander Szameit ; Andrey A. Sukhorukov</i>	
INTEGRATED QUANTUM FREQUENCY COMB SOURCE OF ENTANGLED QUBITS	931
<i>Christian Reimer ; Michael Kues ; Piotr Roztocki ; Benjamin Wetzel ; Yaron Bromberg ; Brent E. Little ; Sai T. Chu ; David J. Moss ; Lucia Caspani ; Roberto Morandotti</i>	
CASCADED DOWNCONVERSION INTERFACE TO THE TELECOM BAND FOR SINGLE-PHOTON-LEVEL SIGNALS AT 650 NM	933
<i>Vahid Esfandyarpour ; Carsten Langrock ; M. M. Fejer</i>	
TOWARDS NANOSCALE QUANTUM INFORMATION SOURCES WITH SPASER TECHNOLOGY	935
<i>Juan Sebastian Toterogongora ; Andrey E. Miroshnichenko ; Yuri S. Kivshar ; Andrea Fratallocchi</i>	
STRONG FIELD ABOVE THRESHOLD IONIZATION OF RYDBERG ELECTRONS LOCALIZED TO A GOLD NANOTIP	937
<i>Jörg Robin ; Jan Vogelsang ; Benedek J. Nagy ; Peter Dombi ; Petra Groß ; Christoph Lienau</i>	
OPTICAL PHASE CONTROL OF SINGLE-ELECTRON NANOTUNNELING	939
<i>Tobias Rybka ; Markus Ludwig ; Michael Schmalz ; Vanessa Knittel ; Daniele Brida ; Alfred Leitenstorfer</i>	
REMOTELY DRIVEN ELECTRON EMISSION FOR ULTRAFAST ELECTRON MICROSCOPY	941
<i>Jan Vogelsang ; Jörg Robin ; Benedek J. Nagy ; Péter Dombi ; Daniel Rosenkranz ; Manuela Schiek ; Petra Groß ; Christoph Lienau</i>	
TOWARD OCTAVE-SPANNING COHERENT NEAR-FIELD CONTROL IN PLASMONIC NANOSTRUCTURES	943
<i>Michael Mrejen ; Uri Arieli ; Assaf Levanon ; Achiya Nagler ; Haim Suchowski</i>	
CONTROLLING THE ULTRAFAST HOT ELECTRON RESPONSE IN PLASMONIC NANOSTRUCTURES	945
<i>Hayk Harutyunyan ; Alex B. F. Martinson ; Larousse K. Khorashad ; Alexander O. Govorov ; Gary P. Wiederrecht</i>	
ULTRAFAST ALL-OPTICAL SWITCHING BASED ON STRONG COUPLING BETWEEN EXCITONS AND LOCALIZED SURFACE PLASMONS	947
<i>Elad Eizner ; Tal Ellenbogen</i>	
OPTICAL ANGULAR MOMENTUM DYNAMICS — IN THE EYES OF THE BEHOLDER	949
<i>G. Spector ; D. Kilbane ; A. K. Mahro ; B. Frank ; L. Gal ; P. Kahl ; D. Podbiel ; H. Giessen ; F. -J. Meyer Zu Heringdorf ; M. Aeschlimann ; M. Orenstein</i>	
ULTRAFAST DYNAMICS OF EPSILON-NEAR-ZERO MODES IN GAAS AT TERAHERTZ FREQUENCIES	951
<i>Yuanmu Yang ; Kamaraju Natarajan ; Salvatore Campione ; Sheng Liu ; John Reno ; Rohit P. Prasankumar ; Igal Brener</i>	
PHOTONIC QUANTUM SIMULATION	953
<i>Andrew G. White</i>	
GROUND STATE SOLVER ON A SILICON QUANTUM PHOTONIC CHIP	954
<i>R. Santagati ; J. Wang ; S. Paesani ; A. A. Gentile ; D. Bonneau ; J. W. Silverstone ; S. Morley-Short ; X. Zhou ; P. J. Shadbolt ; N. Wiebe ; S. Miki ; T. Yamashita ; M. Fujiwara ; M. Sasaki ; H. Terai ; M. G. Tanner ; C. M. Natarajan ; R. H. Hadfield ; D. Tew ; J. L. O'Brien ; M. G. Thompson</i>	
TUNABLE-COUPLED RESONATOR ARRAYS FOR CHIP-BASED QUANTUM ENIGMA MACHINES	956
<i>Jelena Notaros ; Jacob Mower ; Mikkel Heuck ; Nicholas C. Harris ; Gregory R. Steinbrecher ; Darius Bunandar ; Cosmo Lupo ; Tom Baehr-Jones ; Michael Hochberg ; Seth Lloyd ; Dirk Englund</i>	
OBSERVING MULTI-PHOTON INTERFERENCE AND SUPPRESSION LAWS IN 3D PHOTONIC CHIPS	958
<i>Andrea Crespi ; Roberto Osellame ; Roberta Ramponi ; Marco Bentivegna ; Fulvio Flamini ; Nicolò Spagnolo ; Niko Viggianiello ; Luca Innocenti ; Paolo Mataloni ; Fabio Sciarino</i>	
SUPER-COULOMBIC DIPOLE-DIPOLE INTERACTIONS IN HYPERBOLIC MEDIA	960
<i>Ward Newman ; Cristian Corte ; Amir Afshar ; Al Meldrum ; Ken Cadien ; Robert Fedosejevs ; Zubin Jacob</i>	
NANOSCALE HYPERBOLIC METAMATERIAL RESONATORS IN SEMICONDUCTORS	962
<i>Kaijun Feng ; Deborah Sivco ; Anthony J. Hoffman</i>	
WHAT ARE THE MERITS OF HYPERBOLIC METAMATERIALS?	964
<i>Tengfei Li ; J. B. Khurgin</i>	
HYPER-STRUCTURED ILLUMINATION	966
<i>Evgenii E. Narimanov</i>	
EXPERIMENTAL DEMONSTRATION OF THE DE-MAGNIFYING HYPERLENS	968
<i>Jingbo Sun ; Tianboyu Xu ; Natalia M. Litchinitser</i>	
FOCUSING LIGHT ONTO A ZERO-DIMENSIONAL POINT WITH LOSSY LEFT-HANDED MATERIALS	970
<i>Gilad Rosenblatt ; Meir Orenstein</i>	
INTEGRATED HYPERBOLIC METAMATERIAL DEVICES FOR EFFICIENT RECTIFICATION OF INFRARED RADIATION	972
<i>Mohamed Farhat ; Pai-Yen Chen</i>	
A DARK-STATE INVISIBLE MATERIAL	974
<i>Dexin Ye ; Ling Lu ; John D. Joannopoulos ; Marin Soljacic ; Lixin Ran</i>	
HIGH HARMONIC IMAGING OF ATTOWECOND CHARGE DYNAMICS	976
<i>Misha Ivanov</i>	
OBSERVING THE UNCOUPLING OF ELECTRON MOTION FROM THE MOLECULAR FRAME IN PHOTOELECTRON ANGULAR DISTRIBUTIONS	977
<i>Lucas Zipp ; Adi Natan ; Philip Bucksbaum</i>	

INTENSITY-DEPENDENT PHOTOELECTRON SPECTROSCOPY OF GAS-PHASE NANOPARTICLES WITHOUT FOCAL VOLUME AVERAGING	979
<i>J. Powell ; S. J. Robatjazi ; A. Vajdu ; V. Makhija ; J. Stierle ; X. Li ; Y. Malakar ; W. L. Pearson ; C. Sorensen ; M. F. Kling ; A. Rudenko</i>	
ULTRAFAST MOLECULAR STRUCTURE DETERMINATION OF FRAGMENTATION PATHWAYS OF ACETYLENE	981
<i>Benjamin Wolter ; Michael G. Pullen ; Anh-Thu Le ; Matthias Baudisch ; Arne Senfleben ; Michael Hemmer ; Claus Dieter Schröter ; Joachim Ullrich ; Robert Moshhammer ; Thomas Pfeifer ; C. D. Lin ; Jens Biegert</i>	
NON-DIPOLE EFFECTS ON RESCATTERED PHOTOELECTRONS FROM STRONG-FIELD IONIZATION WITH ELLIPTICAL POLARIZATION	983
<i>B. Willenberg ; J. Maurer ; B. W. Mayer ; C. R. Phillips ; L. Gallmann ; U. Keller</i>	
BROADBAND NONLINEAR PHOTO RESPONSE OF MONOLAYER MOSE2	985
<i>Zhonghui Nie ; Edmund Kelleher ; Kaihui Liu ; Yongbing Xu ; Fengqiu Wang</i>	
DIRECT COMPARISON OF SECOND AND THIRD HARMONIC GENERATION IN MONO- AND FEW-LAYER MX2 (M=MO, W; X=S, SE) BY MULTIPHOTON MICROSCOPE	987
<i>Anton Autere ; Antti Säynäjoki ; Lasse Karvonen ; Babak Amirsolaimani ; Henri Jussila ; He Yang ; Robert A. Norwood ; Nasser Peyghambarian ; Harri Lipsanen ; Khanh Kieu ; Zhipei Sun</i>	
LAYER-DEPENDENT THIRD-HARMONIC GENERATION IN MULTILAYER GRAPHENE	989
<i>Honghua Guan ; Hao Yang ; Po-Chun Yeh ; Ghidewon Arefe ; Jerry I. Dadap ; James Hone ; Richard M. Osgood</i>	
EXPERIMENTAL DEMONSTRATION OF VALLEY-DEPENDENT TOPOLOGICAL CHARGE FLIPPING IN PHOTONIC GRAPHENE	991
<i>Daohong Song ; Jing Su ; Xuying Liu ; Shiqiang Xia ; Daniel Gallardo ; Liqin Tang ; Jingjun Xu ; Zhigang Chen</i>	
PHASE CHANGE MATERIALS FOR EMERGING PHOTONICS	993
<i>Shriram Ramanathan</i>	
TRANSIENT NONLINEAR REFRACTION MEASUREMENTS OF TITANIUM NITRIDE THIN FILMS	994
<i>Jennifer M. Reed ; Manuel R. Ferdinandus ; Nathaniel Kinsey ; Clayton Devault ; Urcan Guler ; Vladimir M. Shalaev ; Alexandra Boltasseva ; Augustine Urbas</i>	
OBSERVING THE INTERPLAY BETWEEN SURFACE AND BULK OPTICAL NONLINEARITIES IN THIN VAN DER WAALS CRYSTALS	996
<i>Skylar Deckoff-Jones ; Jingjing Zhang ; Christopher E. Petoukhoff ; Michael K. L. Man ; Sidong Lei ; Robert Vajtai ; Pulickel M. Ajayan ; Diyar Talbayev ; Julien Madéo ; Keshav M. Dani</i>	
2D PLASMONICS FOR NOSECON SECOND GENERATION OF ENTANGLED PLASMON PAIRS	998
<i>Nicholas Rivera ; Ido Kaminer ; Bo Zhen ; John D. Joannopoulos ; Marin Soljacic</i>	
IS MOS₂ BETTER FOR SPASERS THAN GRAPHENE?	1000
<i>Charith Jayasekara ; Malin Premaratne ; Sarath D. Gunapala ; Mark I. Stockman</i>	
PT-SYMMETRIC TERAHERTZ SENSORS USING OPTICALLY PUMPED GRAPHENE METASURFACES	1002
<i>Pai-Yen Chen ; Mohamed Farhat</i>	
GATE-VOLTAGE DEPENDENCY OF FÖRSTER TRANSFER IN GRAPHENE — QUANTUM DOT PHOTO DETECTION	1004
<i>Lorenz Maximilian Schneider ; Ruifeng Li ; Wolfram Heimbrodtt ; Huizhen Wu ; Martin Koch ; Arash Rahimi-Iman</i>	
TERAHERTZ PLASMON RESONANCES IN GRAPHENE-FILLED SUBWAVELENGTH METALLIC APERTURES	1006
<i>Mohammad M. Jaidi ; Andrei B. Sushkov ; Rachel L. Myers-Ward ; Anthony K. Boyd ; Kevin M. Daniels ; D. Kurt Gaskill ; Michael S. Fuhrer ; H. Dennis Drew ; Thomas E. Murphy</i>	
ELECTRICAL EXCITATION OF PLASMONS IN GRAPHENE THROUGH THE 2D CERENKOV EFFECT	1008
<i>Ido Kaminer ; Yaniv Tenenbaum Katan ; Hrvoje Buljan ; Yichen Shen ; Ognjen Ilic ; Josué J. López ; Liang Jie Wong ; John D. Joannopoulos ; Marin Soljacic</i>	
LOSS INDUCED AMPLIFICATION OF GRAPHENE PLASMONS	1010
<i>Xiao Lin ; Hongsheng Chen</i>	
TOWARDS ON-CHIP, TUNABLE X-RAY SOURCES BASED ON GRAPHENE PLASMONS	1012
<i>Liang Jie Wong ; Ido Kaminer ; Ognjen Ilic ; John D. Joannopoulos ; Marin Soljacic</i>	
ON-DEMAND GENERATION OF ENTANGLED MULTIPHOTON STATES	1014
<i>Ido Schwartz ; Dan Cogan ; Emma R. Schmidgall ; Yaroslav Don ; Liron Gantz ; Netanel H. Lindner ; David Gershoni</i>	
A SITE-CONTROLLED QUANTUM DOT LIGHT-EMITTING DIODE OF POLARIZATION-ENTANGLED PHOTONS, VIOLATING BELL'S INEQUALITY	1016
<i>G. Juska ; T. H. Chung ; S. T. Moroni ; A. Gocalinska ; E. Pelucchi</i>	
ENTANGLEMENT VERIFICATION WITH DETECTION-EFFICIENCY MISMATCH	1018
<i>Y. Zhang ; N. Lütkenhaus</i>	
ENGINEERING FREQUENCY-CORRELATED TWO-PHOTON STATES USING PARAMETRIC DOWN-CONVERSION IN INTEGRATED-OPTIC NONLINEAR WAVEGUIDE	1020
<i>Abu Thomas ; Olga Minaeva ; Alexander Sergienko</i>	
DIRECT POLARIZATION-ENTANGLED BELL STATE GENERATION VIA SPONTANEOUS FOUR-WAVE MIXING IN ALGAAS WAVEGUIDES	1022
<i>Pisek Kultavewuti ; Eric Y. Zhu ; Li Qian ; Vincenzo Pusino ; Marc Sorel ; J. Stewart Aitchison</i>	
BAYESIAN MEAN ESTIMATION FOR FINITE TWO-PHOTON EXPERIMENTS	1024
<i>Brian P. Williams ; Pavel Lougovski</i>	
QUANTUM CORRELATED PHOTON-PAIRS FROM WARM RB-VAPOR	1026
<i>Prathamesh S. Donvalkar ; Chaitali Joshi ; Sven Ramelow ; Alexander L. Gaeta</i>	
DEVELOPMENT OF A SPACE-PROOF POLARIZATION-ENTANGLED PHOTON SOURCE	1028
<i>Fabian Steinlechner ; Oliver De Vries ; Nina Fleischmann ; Eric Wille ; Erik Beckert ; Rupert Ursin</i>	

NANOCAVITY-ENABLED ULTRAFAST GENERATION OF HIGHLY-INDISTINGUISHABLE PHOTONS	1030
<i>Kevin A. Fischer ; Kai Müller ; Constantin Dory ; Tomas Sarmiento ; Konstantinos G. Lagoudakis ; Armand Rundquist ; Yousif Kelaita ; Jelena Vuckovic</i>	
COMPLETE COHERENT CONTROL OF A STRONGLY COUPLED QUANTUM DOT-CAVITY POLARITON SYSTEM	1032
<i>Constantin Dory ; Kevin A. Fischer ; Kai Müller ; Konstantinos G. Lagoudakis ; Tomas Sarmiento ; Armand Rundquist ; Jingyuan L. Zhang ; Yousif Kelaita ; Jelena Vuckovic</i>	
NANOPHOTONIC QUANTUM INTERFACE FOR A SINGLE SOLID-STATE SPIN	1034
<i>Shuo Sun ; Hyochul Kim ; Glenn S. Solomon ; Edo Waks</i>	
TOWARDS HIGH-COOPERATIVITY STRONG COUPLING OF A QUANTUM-DOT IN A TUNABLE MICROCAVITY: THE ROLE OF EMITTER BROADENING	1036
<i>S. Starosielec ; L. E. Greuter ; A. V. Kuhlmann ; R. J. Warburton</i>	
PROBING RESONANT LINEWIDTH NARROWING IN QUANTUM DOT EMISSION WITH ABOVE-BAND LIGHT	1038
<i>O. Gazzano ; V. Loo ; S. Polyakov ; E. B. Flagg ; G. S. Solomon</i>	
CHARACTERIZATION OF THE LOCAL CHARGE ENVIRONMENT OF A SINGLE QUANTUM DOT VIA RESONANCE FLUORESCENCE	1040
<i>Disheng Chen ; Gary R. Lander ; Kyle S. Krowpman ; Glenn S. Solomon ; Edward B. Flagg</i>	
FRANSON INTERFERENCE IN THE FILTERED RESONANCE FLUORESCENCE FROM A QUANTUM DOT	1042
<i>M. Peiris ; B. Petrak ; K. Konthasinghe ; A. Muller</i>	
NONLINEAR TERAHERTZ-SPIN INTERACTION IN THULIUM ORTHOFERRITE	1044
<i>S. Baierl ; M. Hohenleutner ; T. Kampfrath ; A. K. Zvezdin ; A. V. Kimel ; R. Huber ; R. V. Mikhaylovskiy</i>	
MAGNON—CRYSTAL-FIELD-TRANSITION HYBRIDIZATION IN ERFeO_3	1046
<i>Xinwei Li ; Qi Zhang ; G. Timothy Noe ; Maolin Xiang ; Kai Xu ; Shixun Cao ; Zuanming Jin ; Mischa Bonn ; Dmitry Turchinovich ; Junichiro Kono</i>	
REVEALING HIDDEN ORDERS IN CORRELATED ELECTRON SYSTEMS WITH NONLINEAR OPTICS	1048
<i>David Hsieh</i>	
ULTRAFAST OPTICAL SWITCHING BETWEEN HIDDEN STATES OF ELECTRONIC MATTER UNDER NON-EQUILIBRIUM CONDITIONS	1050
<i>I. Vaskivskiy ; L. Stojchevska ; S. Brazovskii ; M. Borovsak ; V. Nesretinova ; P. Kirchmann ; I. A. Mihailovic ; I. Fisher ; D. Mihailovic</i>	
STRUCTURAL PHASE PROGRESSION IN PHOTO-EXCITED VO_2	1052
<i>Yi Zhu ; Zhonghou Cai ; Pice Chen ; Qingteng Zhang ; Matthew J. Highland ; Il Woong Jung ; Donald A. Walko ; Eric M. Dufresne ; Jaewoo Jeong ; Mahesh G. Samant ; Stuart S. P. Parkin ; John W. Freeland ; Paul G. Evans ; Haidan Wen</i>	
ULTRAFAST DYNAMICS IN THE INSULATOR-TO-METAL PHASE TRANSITION OF VO_2 VIA ATTOSECOND TRANSIENT ABSORPTION	1054
<i>Marieke Jager ; Christian Ott ; Christopher Kaplan ; Robert Marvel ; Richard Haglund ; Daniel Neumark ; Stephen Leone</i>	
MAGNETIZATION DYNAMICS IN COBALT THIN FILMS PROBED WITH FEMTOSECOND HIGH HARMONICS PULSES	1056
<i>A. Maghraoui ; M. Barthelemy ; M. Albrecht ; M. Vomir ; J. -Y. Bigot</i>	
ADIABATIC CONTROL OF SOLIDS BY STRONG ULTRAFAST OPTICAL FIELDS	1058
<i>Mark I. Stockman</i>	
LINKING HIGH HARMONICS FROM GASES AND BULK SOLIDS	1060
<i>G. Vampa ; T. J. Hammond ; N. Thiré ; B. E. Schmidt ; F. Légaré ; D. D. Klug ; C. R. McDonald ; T. Brabec ; P. B. Corkum</i>	
HIGH HARMONICS FROM SOLIDS PROBE ANGSTROM SCALE STRUCTURE	1061
<i>Yong Sing You ; David A. Reis ; Shambhu Ghimire</i>	
TERAHERTZ-DRIVEN HIGH HARMONIC GENERATION IN BULK CRYSTALS	1063
<i>Fabian Langer ; Matthias Hohenleutner ; Olaf Schubert ; Matthias Knorr ; Ulrich Huttner ; Stephan W. Koch ; Mackillo Kira ; Rupert Huber</i>	
FEMTOSECOND NONLINEAR RESPONSE OF BULK PLASMONS IN A HIGHLY DOPED SEMICONDUCTOR	1065
<i>M. Woerner ; T. Tyborski ; S. Kalusniak ; S. Sadofev ; T. Elsaesser</i>	
ORBITAL ANGULAR MOMENTUM IN PHOTON-PHONON COUPLING	1067
<i>Zhihan Zhu ; Liwen Sheng ; Chunyuan Mu ; Wei Gao</i>	
RAMAN SCATTERING FOR INTENSE HIGH ORBITAL ANGULAR MOMENTUM HARMONIC GENERATION	1069
<i>J. Vieira ; R. M. G. M. Trines ; E. P. Alves ; R. A. Fonseca ; J. T. Mendonça ; R. Bingham ; P. Norreys ; L. O. Silva</i>	
OBSERVATION OF CONICAL THIRD-HARMONIC EMISSION OF VORTEX BEAMS VIA ULTRASHORT LASER PULSE FILAMENTATION IN AIR	1072
<i>Yu-Chieh Lin ; Yasuo Nabekawa ; Katsumi Midorikawa</i>	
THE ROLE OF SPIN AND ORBITAL ANGULAR MOMENTUM IN CERENKOV RADIATION	1074
<i>Ido Kaminer ; Maor Mutzafi ; Amir Levy ; Gal Harari ; Hanan Herzig Sheinfux ; Scott Skirlo ; Jonathan Nemirowsky ; John D. Joannopoulos ; Mordechai Segev ; Marin Soljacic</i>	
CERENKOV RADIATION FROM PARTICLES CARRYING ORBITAL ANGULAR MOMENTUM IN A CYLINDRICAL WAVEGUIDE	1076
<i>Yotam Shapira ; Maor Mutzafi ; Gal Harari ; Ido Kaminer ; Lior Alon ; Mordechai Segev</i>	
LONGITUDINAL PATTERNING OF TWISTED LIGHT BEAMS	1078
<i>Ahmed H. Dorrah ; Michel Zamboni-Rached ; Mo Mojahedi</i>	

SPATIAL AND TEMPORAL TRANSFORMATION OF PROPAGATING FEW-CYCLE PULSES WITH ORBITAL ANGULAR MOMENTUM.....	1080
<i>M. Bock ; T. Elsaesser ; R. Grunwald</i>	
A SPACE-TIME TRANSCODER.....	1082
<i>Shuai Shi ; Dong-Sheng Ding ; Zhi-Yuan Zhou ; Yan Li ; Wei Zhang ; Bao-Sen Shi ; Guang-Can Guo</i>	
PLASMONIC HOT—ELECTRON TRANSFER IN THE STRONG COUPLING REGIME.....	1084
<i>Peng Zeng ; Jasper Cadusch ; Debadi Chakraborty ; Trevor Smith ; Ann Roberts ; John Sader ; Timothy Davis ; Daniel Gómez</i>	
PLASMON DRAG EFFECT, THEORY AND EXPERIMENT.....	1085
<i>M. Durach ; M. Lepain ; V. Rono ; N. Noginova</i>	
HOT ELECTRON DYNAMICS AND INTERNAL PHOTOEMISSION LIMITS.....	1087
<i>Imran Hossain ; Ahmet Ali Yanik</i>	
DISTANCE DEPENDENT PHOTO-INDUCED ELECTRON CURRENT IN NM-SIZED JUNCTIONS DRIVEN BY SURFACE PLASMON POLARITONS.....	1089
<i>Brian Albee ; Xuejun Liu ; Faezeh Tork Ladani ; Rajen Dutta ; Eric O. Potma</i>	
NANOOPTOMECHANICAL SENSING OF CARBON NANOTUBE-BASED RESONATORS.....	1091
<i>A. Tavernarakis ; A. Stavriniadis ; I. Tsioutsios ; A. Nowak ; P. Verlot ; A. Bachtold</i>	
STRONG ATTRACTIVE FORCE BETWEEN GRAPHENE SHEETS AT TERAHERTZ INDUCED BY EXTRAORDINARY WAVELENGTH REDUCTION.....	1093
<i>Danlu Wang ; Ian A. D. Williamson ; S. Hossein Moisavi ; Zheng Wang</i>	
ENHANCED DISPERSIVE AND DISSIPATIVE COUPLING REGIMES IN GRAPHENE OPTOMECHANICS.....	1095
<i>Ian Williamson ; Hossein Mousavi ; Zheng Wang</i>	
CONTROLLABLE OPTOMECHANICAL COUPLING AND DRUDE SELF-PULSATION PLASMA LOCKING IN CHIP-SCALE OPTOMECHANICAL CAVITIES.....	1097
<i>Yongjun Huang ; Jaime Gonzalo Flor Flores ; Ziqiang Cai ; Mingbin Yu ; Dim-Lee Kwong ; Guangjun Wen ; Layne Churchill ; Chee Wei Wong</i>	
SINGLE-SHOT, FULL CHARACTERIZATION OF A SINGLE-PHOTON STATE.....	1099
<i>O. Gazzano ; T. Thomay ; E. Goldschmidt ; S. V. Polyakov ; V. Loo ; G. S. Solomon</i>	
A SINGLE-PHOTON SUBTRACTOR FOR MULTIMODE QUANTUM STATES.....	1101
<i>C. Jacquard ; V. Averchenko ; Y. -S. Ra ; J. Roslund ; Y. Cai ; A. Dufour ; C. Fabre ; N. Treps</i>	
FULL MODE RECONSTRUCTION OF A LIGHT FIELD VIA A PHOTON-NUMBER RESOLVED MEASUREMENT.....	1103
<i>I. A. Burenkov ; A. K. Sharma ; T. Gerrits ; G. Harder ; T. J. Bartley ; C. Silberhorn ; E. A. Goldschmidt ; S. V. Polyakov</i>	
ENHANCED THERMAL IMAGES OF FAINT OBJECTS VIA PHOTON ADDITION / SUBTRACTION.....	1105
<i>Claudio G Parazzoli ; Barbara A Capron ; Ben Koltenbah ; David Gerwe ; Paul Idell ; Jonathan Dowling ; Christopher Gerry ; Robert W. Boyd</i>	
TOMOGRAPHY OF SINGLE-PHOTON SUBTRACTION PROCESS IN MULTIPLE TIME-FREQUENCY MODES.....	1107
<i>Young-Sik Ra ; Clément Jacquard ; Adrien Dufour ; Claude Fabre ; Nicolas Treps</i>	
THERMAL LIGHT AS A MIXTURE OF SETS OF COHERENT PULSES.....	1109
<i>Agata M. Branczyk ; Aurélia Chenu ; J. E. Sipe</i>	
MEASURING NON-COMMUTING OBSERVABLES OF A SINGLE PHOTON.....	1111
<i>F. Piacentini ; A. Avella ; E. Cohen ; R. Lussana ; F. Villa ; M. P. Levi ; A. Tosi ; F. Zappa ; M. Gramegna ; G. Brida ; I. P. Degiovanni ; M. Genovese</i>	
A NOVEL, HIGHLY PRECISE CHARACTERIZATION TECHNIQUE OF INTEGRATED-PHOTONIC DEVICES SHOWN AT A HIGH ORDER W-STATE GENERATOR.....	1113
<i>René Heilmann ; Markus Gräfe ; Lukas Maczewsky ; Stefan Nolte ; Alexander Szameit</i>	
A BRIGHT NANOWIRE SINGLE PHOTON SOURCE.....	1116
<i>L. Marseglija ; K. Saha ; A. Ajoy ; T. Schröder ; D. Englund ; T. Teraji ; J. Isoya ; F. Jelezko ; R. Walsworth ; J. L. Pacheco ; D. L. Perry ; E. S. Bielejec ; P. Cappellaro</i>	
CIRCULAR GRATINGS FOR EFFICIENT COLLECTION FROM IMPLANTED SILICON VACANCY CENTERS IN DIAMOND.....	1118
<i>Jiabao Zheng ; Matthew E. Trusheim ; Tim Schröder ; Michael Walsh ; Camille Stavarakas ; Benjamin Pingault ; Mustafa Gündogan ; Christian Hepp ; Jose L. Pacheco ; Edward Bielejec ; Mete Atature ; Dirk Englund</i>	
MASKLESS CREATION OF SILICON VACANCY CENTERS IN PHOTONIC CRYSTAL CAVITIES.....	1120
<i>Tim Schröder ; Matthew E. Trusheim ; Michael Walsh ; Jose Pacheco ; Luozhou Li ; Jiabao Zheng ; Marco Schukraft ; Alp Sipahigil ; Ruffin E. Evans ; Denis D. Sukachev ; Edward S. Bielejec ; Mikhail D. Lukin ; Dirk Englund</i>	
VERIFIED NANOSCALE ENGINEERING OF LOCALIZED DIAMOND NITROGEN-VACANCY CENTERS.....	1122
<i>Matthew E. Trusheim ; Diego Scarabelli ; Ophir Gaathon ; Dirk Englund ; Shalom J. Wind</i>	
HIGH FIDELITY TRANSFER AND STORAGE OF PHOTON STATES IN A SINGLE NUCLEAR SPIN.....	1124
<i>Jörg Wrachtrup</i>	
EFFICIENT COUPLING OF SINGLE NITROGEN-VACANCY CENTER PHOTONS TO A GAP-ON-DIAMOND INTEGRATED OPTICS PLATFORM.....	1125
<i>Michael Gould ; Ian R. Christen ; Srivatsa Chakravarthi ; Shabnam Dadgostar ; Fariba Hatami ; Kai-Mei C. Fu</i>	
ELECTRON SPIN CONTROL OF AN OPTICALLY LEVITATED NANODIAMOND IN VACUUM.....	1127
<i>Tongcang Li ; Thai M. Hoang ; Jonghoon Ahn ; Jaehoon Bang</i>	
ULTRAFAST NONLINEAR TERAHERTZ SPECTROSCOPY OF QUANTUM CONDENSATES IN SOLIDS.....	1129
<i>Ryo Shimano</i>	
ULTRAFAST THZ PROBES OF NON-EQUILIBRIUM COOPER PAIRS IN IRON PNICTIDES.....	1131
<i>Aaron Patz ; Liang Luo ; Xu Yang ; Sergey Bud'Ko ; Paul C. Canfield ; Jigang Wang</i>	

NONLINEAR PHONON DYNAMICS IN Bi_2Se_3 DRIVEN BY INTENSE THZ PULSES AND PROBED WITH OPTICAL SECOND HARMONIC GENERATION	1133
<i>P. Bowlan ; J. Bowlan ; S. A. Trugman ; R. Valdes-Aguilar ; J. Qi ; X. Liu ; J. Furdyna ; A. J. Taylor ; D. A. Yarotski ; R. P. Prasankumar</i>	
ULTRAFAST CONDUCTIVITY STUDY OF DIRAC SURFACE STATES VIA THZ PUMP AND THZ PROBE SPECTROSCOPY	1135
<i>Xu Yang ; Liang Luo ; Xinyu Liu ; Jacek Furdyna ; Jigang Wang</i>	
NONLINEAR TERAHERTZ QUANTUM DYNAMICS OF LANDAU-QUANTIZED ELECTRONS	1137
<i>T. Maag ; A. Bayer ; S. Baierl ; M. Hohenleutner ; T. Korn ; C. Schüller ; D. Bougeard ; C. Lange ; R. Huber ; M. Mootz ; S. W. Koch ; M. Kira</i>	
COLLECTIVE, COHERENT, AND ULTRASTRONG COUPLING OF 2D ELECTRONS WITH TERAHERTZ CAVITY PHOTONS	1139
<i>Qi Zhang ; Minhan Lou ; Xinwei Li ; John L. Reno ; Wei Pan ; John D. Watson ; Michael J. Manfra ; Junichiro Kono</i>	
DYNAMIC EVOLUTION OF A TWO-DIMENSIONAL ELECTRON GAS IN A MAGNETIC FIELD AFTER OPTICAL PHOTOEXCITATION	1141
<i>N. Kamaraju ; W. Pan ; J. Reno ; Q. Zhang ; Junichiro Kono ; A. J. Taylor ; R. P. Prasankumar</i>	
TOWARD UNIFYING CHEMICAL FUNCTION WITH MOLECULAR STRUCTURE USING STRONG FIELDS, X-RAYS, AND ELECTRONS	1143
<i>Markus Ilchen ; Kareem Hegazy ; Wolfram Helml ; Nick Hartmann ; Anton Lindahl ; Christoph Bostedt ; Max Bucher ; James Cryan ; Yuantao Ding ; Ken Ferguson ; Jacek Krzywinski ; James Lewendowski ; Renkai Li ; Alberto Lutman ; Agostino Marinelli ; Tim Maxell ; Timur Osipov ; Xiaozhe Shen ; Theo Vecchione ; Peter Walter ; Jie Wang ; Stephen Weathersby ; Zhirong Huang ; Xijie Wang ; Alan Fry ; Ryan Coffee ; Gregor Hartmann ; Ivan Shevchuk ; Jens Viefhaus ; Jens Buck ; Andreas Galler ; Leif Glaser ; Jan Greunert ; Jia Liu ; Michael Meyer ; Andre Knie ; Catalin Miron ; Renaud Guillemin ; Marc Simon ; Maria Novella Piancastelli</i>	
ATTOSECOND PROBING OF NUCLEAR VIBRATION WITH FREQUENCY SHIFT IN HARMONIC SPECTRUM	1146
<i>Lixin He ; Pengfei Lan ; Chunyang Zhai ; Feng Wang ; Wenjing Shi ; Qingbin Zhang ; Xiaosong Zhu ; Peixiang Lu</i>	
BOND SELECTIVE PROBE BY TIME-RESOLVED PHOTOELECTRON SPECTROSCOPY: RING-OPENING DYNAMICS OF 1,3-CYCLOHEXADIENE	1148
<i>Ryo Itkubo ; Taro Sekikawa ; Yu Harabuchi ; Tetsuya Taketsugu</i>	
PETAHERTZ FREQUENCY OPERATION WITH GALLIUM NITRIDE SEMICONDUCTOR	1150
<i>Hiroki Mashiko ; Katsuya Oguri ; Tomohiko Yamaguchi ; Akira Suda ; Hideki Gotoh</i>	
EUV CONTINUUM FROM COMPRESSED MULTIPLE THIN PLATE SUPERCONTINUUM	1152
<i>P. C. Huang ; C. H. Lu ; B. H. Chen ; S. D. Yang ; M. -C. Chen ; A. H. Kung</i>	
AN ON-CHIP MULTI-WAVELENGTH PHOTONIC-PHONONIC MEMORY	1154
<i>Moritz Merklein ; Birgit Stiller ; Khu Vu ; Stephen J. Madden ; Benjamin J. Eggleton</i>	
BOUNDARIES OF PRACTICABILITY FOR INTEGRATED STIMULATED BRILLOUIN SCATTERING DEVICES	1156
<i>Christian Wolff ; Michael J. Steel ; Benjamin J. Eggleton ; Christopher G. Poulton</i>	
PULSE BUNCHING IN THE SOLITON RAIN REGIME OF AN ULTRALONG FIBER LASER MEDIATED BY FORWARD BRILLOUIN SCATTERING	1158
<i>Srikanth Sugavanam ; Atalla El-Taher ; Robert Woodward ; Edmund Kelleher ; Dmitry V. Churkin</i>	
SECOND HARMONIC PHONON SPECTROSCOPY OF A-QUARTZ	1160
<i>C. Winta ; S. Gewinner ; W. Schöllkopf ; M. Wolf ; A. Paarmann</i>	
LINEAR AND NON-LINEAR LIGHT-VAPOR INTERACTION IN ULTRA-COMPACT SERPENTINE ATOMIC CLADDING WAVE GUIDES	1162
<i>Liron Stern ; Boris Desiatov ; Noa Mazurski ; Uriel Levy</i>	
STRONG COUPLING OF LOCALIZED SURFACE PLASMONS AND ENSEMBLES OF DYE MOLECULES	1164
<i>V. N. Peters ; T. U. Tumkur ; J. Ma ; N. A. Kotov ; M. A. Noginov</i>	
DEFECT LUMINESCENCE IN DIAMOND AND GAN: TOWARDS SINGLE PHOTON EMITTING DEVICES	1166
<i>Amanuel M. Berhane ; Sumin Choi ; Hiromitsu Kato ; Toshiharu Makino ; Norikazu Mizuochi ; Satoshi Yamasaki ; Milos Toth ; Igor Aharonovich</i>	
QUANTUM OPTICS WITH QUANTUM DOTS IN PHOTONIC WIRES	1168
<i>Mathieu Munsch ; Davide Cadeddu ; Jean Teissier ; Andreas Kuhlmann ; Martino Poggio ; Niels Gregersen ; Jean-Michel Gérard ; Julien Claudon ; Richard J. Warburton</i>	
FABRICATION AND CHARACTERIZATION OF SiNx/Au NANOPATCH CAVITIES WITH COLLOIDAL NANOCRYSTALS	1170
<i>Suzanne Bisschop ; Pieter Geiregat ; Zeger Hens ; Dries Van Thourhout ; Edouard Brainis</i>	
SUPERCONDUCTING NANOWIRE SINGLE-PHOTON DETECTOR ON ALUMINUM NITRIDE	1173
<i>Di Zhu ; Hyeonrak Choi ; Tsung-Ju Lu ; Qingyuan Zhao ; Andrew Dane ; Faraz Najafi ; Dirk R. Englund ; Karl K. Berggren</i>	
SINUSOIDALLY GATED INGAAS/INP AVALANCHE PHOTODIODE WITH 53% PHOTON DETECTION EFFICIENCY AT 1550 NM	1175
<i>Akiko Tada ; Naoto Namekata ; Shuichiro Inoue</i>	
NOVEL METHOD FOR CHARACTERIZING SINGLE-PHOTON DETECTORS	1177
<i>Michael A. Wayne ; Joshua C. Bienfang ; Sergey V. Polyakov</i>	
MODULATION TECHNIQUE FOR IMPROVING TEMPORAL RESOLUTION IN BIPHOTON COINCIDENCE MEASUREMENTS	1179
<i> Ogaga D. Odele ; Joseph M. Lukens ; Daniel E. Leaird ; Andrew M. Weiner</i>	
SINGLE-PHOTON TEMPORAL WAVE FUNCTION MEASUREMENT VIA ELECTRO-OPTIC SPECTRAL SHEARING INTERFEROMETRY	1181
<i>Alex O. C. Davis ; Michal Karpinski ; Brian J. Smith</i>	

ON-DEMAND SINGLE PHOTON EMISSION BASED ON QUANTUM FEEDBACK CONTROL OF A MICROCAVITY	1183
<i>Mikkel Heuck ; Mihir Pant ; Dirk Englund</i>	
GENERATION OF PURE HERALDED SINGLE-PHOTON STATES BY CROSS-POLARIZED SPONTANEOUS FOUR-WAVE MIXING	1185
<i>Jesper B. Christensen ; Colin J. McKinstrie ; Karsten Rottwitt</i>	
QUANTUM EMISSION FROM HEXAGONAL BORON NITRIDE MONOLAYERS	1187
<i>Toan Trong Tran ; Kerem Bray ; Michael J. Ford ; Milos Toth ; Igor Aharonovich</i>	
QUANTIZED CHARGING AND ELECTRICAL EXCITATION OF SITE-CONTROLLED III-NITRIDE QUANTUM DOTS	1189
<i>L. Zhang ; C-H. Teng ; P-C Ku ; H. Deng</i>	
COUPLING OF EXCITON-POLARITONS IN LOW-Q COUPLED MICROCAVITIES BEYOND THE ROTATING WAVE APPROXIMATION	1191
<i>Bin Liu ; Prabin Rai ; John Grezimak ; Robert J. Twieg ; Kenneth D. Singer</i>	
PHOTONIC SIMULATION OF ENTANGLEMENT GENERATION AND TRANSFER IN A SPIN CHAIN	1193
<i>Ioannis Pitsios ; Leonardo Bianchi ; Adil Syed Rab ; Andrea Crespi ; Marco Bentivegna ; Debora Caprara ; Nicolò Spagnolo ; Paolo Mataloni ; Sougato Bose ; Roberto Osellame ; Fabio Sciarrino</i>	
OBSERVATION OF BLOCH OSCILLATIONS WITH A THRESHOLD	1195
<i>Simon Stützer ; Alexander S. Solntsev ; Stefan Nolte ; Andrey A. Sukhorukov ; Alexander Szameit</i>	
CONVEX DECOMPOSITIONS OF THERMAL EQUILIBRIUM FOR NON-INTERACTING NON-RELATIVISTIC PARTICLES	1197
<i>Aurélia Chenu ; Agata M. Branczyk ; J. E. Sipe</i>	
EXPERIMENTAL ENTANGLEMENT-ENHANCED WORK EXTRACTION BASED ON A MAXWELL'S DEMON	1199
<i>M. A. Ciampini ; L. Mancino ; A. Orioux ; C. Vigliar ; M. Paternostro ; P. Mataloni ; M. Barbieri</i>	
OPTICAL ACCESS TO TOPOLOGICAL INSULATOR SPIN DYNAMICS	1201
<i>Raja Marjeh ; Evyatar Sabag ; Leonid Rybak ; Amit Ribak ; Amit Kanigel ; Alex Hayat</i>	
ULTRAFAST TERAHERTZ NONLINEAR EFFECT OF LANDAU LEVEL TRANSITION IN GRAPHENE	1203
<i>Go Yumoto ; Ryusuke Matsunaga ; Hiroki Hibino ; Ryo Shimano</i>	
LONG-LIVED ANISOTROPY OF PHOTOEXCITED GRAPHENE ELECTRONS	1205
<i>S. Winnerl ; J. C. König-Otto ; M. Mittendorff ; T. Winzer ; E. Malic ; A. Knorr ; A. Pashkin ; H. Schneider ; M. Helm</i>	
EVIDENCE FOR BANDGAP OPENING IN BUCKLED EPITAXIAL GRAPHENE FROM ULTRAFAST TIME-RESOLVED TERAHERTZ SPECTROSCOPY	1207
<i>Momchil T. Mithnev ; Feng Wang ; Gang Liu ; Sara Rothwell ; Philip I. Cohen ; Leonard C. Feldman ; Edward H. Conrad ; Theodore B. Norris</i>	
LATERALLY CONFINED EXCITONS IN TWO-DIMENSIONAL SEMICONDUCTOR QUANTUM DOTS	1209
<i>Guohua Wei ; David A. Czapslewski ; Erik J. Lenferink ; Il Woong Jung ; Teodor K. Stanev ; Nathaniel P. Stern</i>	
ISOLATING EXCITON EXTRACTION PATHWAYS WITH ELECTRIC FIELD-DEPENDENT ULTRAFAST PHOTOCURRENT MICROSCOPY	1211
<i>Kyle Vogt ; Sufei Shi ; Feng Wang ; Matt W. Graham</i>	
NON-HYDROGENIC EXCITONIC SPECTRA OF TRANSITION METAL DICHALCOGENIDES: THE ROLE OF QUANTUM GEOMETRY OF BLOCH BANDS	1213
<i>Ajit Srivastava ; Ataç Imamoglu</i>	
NONLINEAR OPTICAL RESPONSES OF PROTECTED ATOMICALLY THIN BLACK PHOSPHORUS	1215
<i>Takaaki Harada ; Bryan Berggren ; Skylar Deckoff-Jones ; Dylan L. Renaud ; Andrew Winchester ; Julien Madéo ; Christopher Weber ; Keshav M. Dani</i>	
ATTOSECOND CLOCKING OF SCATTERING DYNAMICS IN DIELECTRICS	1217
<i>F. Calegari ; S. Zherebtsov ; L. Seiffert ; Q. Liu ; A. Trabattini ; P. Rupp ; M. Castrovilli ; G. Sansone ; V. Mondes ; I. Halfpap ; C. Graf ; E. Rühl ; M. Nisoli ; T. Fennel ; M. F. Kling</i>	
CORRELATION-INDUCED PHOTOEMISSION DELAY IN HELIUM	1219
<i>M. Osslander ; F. Siegrist ; V. Shiryanyan ; R. Pazourek ; A. Sommer ; T. Latka ; A. Guggenmos ; U. Kleineberg ; F. Krausz ; R. Kienberger ; M. Schultze</i>	
TOMOGRAPHIC RECONSTRUCTION OF CIRCULARLY POLARIZED HIGH HARMONIC FIELDS	1221
<i>Z. Tao ; C. Chen ; C. Hernández-García ; P. Matyba ; A. Carr ; R. Knut ; O. Kfir ; D. Zusin ; C. Gentry ; P. Grychtol ; O. Cohen ; L. Plaja ; A. Becker ; A. Jaron-Becker ; H. Kapteyn ; M. Murnane</i>	
ATTOSECOND ELECTRON STREAKING WITH ENHANCED ENERGY RESOLUTION	1223
<i>A. Guggenmos ; A. Akil ; M. Schöffel ; M. Osslander ; A. M. Azzeer ; M. Schultze ; F. Krausz ; U. Kleineberg</i>	
PHOTOEMISSION TIME DELAYS FROM A CU(111)-SURFACE: VALIDITY OF MACROSCOPIC LAWS FOR PROBE-FIELD EFFECTS	1225
<i>M. Lucchini ; L. Castiglioni ; L. Kasmi ; P. Kliuiev ; A. Ludwig ; M. Greif ; M. Hengsberger ; J. Osterwalder ; L. Gallmann ; U. Keller</i>	
POLARIZATION ASSISTED AMPLITUDE GATING AS A ROUTE TO TUNABLE, HIGH-CONTRAST SINGLE ATTOSECOND PULSES	1227
<i>Henry Timmers ; Mazyar Sabbar ; Yuki Kobayashi ; Daniel M. Neumark ; Stephen R. Leone</i>	
SPATIO-TEMPORAL LOCALIZATION OF INTENSE PULSES IN GAS-FILLED CAPILLARIES	1229
<i>Xiaohui Gao ; Gauri Patwardhan ; Bonggu Shim ; Tenio Popmintchev ; Henry C. Kapteyn ; Margaret M. Murnane ; Alexander L. Gaeta</i>	
UNVEILING THE PROPAGATION DYNAMICS OF SELF-ACCELERATING VECTOR BEAMS	1231
<i>Jonathan Bar David ; Noa Voloch Bloch ; Noa Mazurski ; Uriel Levy</i>	
NONDIFFRACTING ACCELERATING BEAMS ON SPHERICAL SURFACES	1233
<i>Anatoly Patsyk ; Rivka Bekenstein ; Miguel A. Bandres ; Jonathan Nemirovsky ; Mordechai Segev</i>	

ULTRAFAST NON-PARAXIAL ABRUPTLY AUTOFOCUSING PULSES FOR HIGH-GRADIENT ELECTRON ACCELERATION	1235
<i>Liang Jie Wong ; Ido Kaminer</i>	
NONLINEAR PHENOMENA IN LASER-COOLED ATOMS AT ULTRALOW POWERS VIA AN OPTICAL NANOFIBER	1237
<i>Sile Nic Chormaic ; Vandna Gokhroo ; Ravi Kumar</i>	
MONOLITHICALLY INTEGRATED UNIDIRECTIONAL CIRCULATORS UTILIZING NON-HERMITICITY AND NONLINEARITY ON INP	1239
<i>Parinaz Aleahmad ; Mercedeh Khajavikhan ; Patrick L. Likamwa ; Demetrios Christodoulides</i>	
ULTRAFAST THERMAL NONLINEARITY	1241
<i>J. B. Khurgin ; G. Sun ; Wei Ting Chen ; Wei-Yi Tsai ; Din Ping Tsai</i>	
EXPERIMENTAL REALIZATION OF A REFLECTIVE OPTICAL LIMITER	1243
<i>Jarrett H. Vella ; Eleana Makri ; John H. Goldsmith ; Andrew T. Browning ; Nicholas I. Limberopoulos ; Ilya Vitebskiy ; Tsampikos Kottos</i>	
THE START OF FEMTOSECOND MODE-LOCKING AND TRANSIENT SOLITON DYNAMICS CAPTURED WITH REAL-TIME SPECTROSCOPY	1245
<i>Georg Herink ; Bahram Jalali ; Claus Ropers ; Daniel R. Solli</i>	
HOT-CARRIER MEDIATED PHOTON UPCONVERSION IN METAL/SEMICONDUCTOR HETEROSTRUCTURE	1247
<i>Gururaj V. Naik ; Alex A. Welch ; Jennifer A. Dionne</i>	
TAILORING SPONTANEOUS PARAMETRIC DOWNCONVERSION IN HYPERBOLIC METAMATERIALS	1249
<i>Artur R. Davoyan ; Harry A. Atwater</i>	
MID-INFRARED SECOND HARMONIC SPECTROSCOPY PROBING SURFACE PHONON POLARITON LOCALIZATION IN SiC NANOPILLARS	1251
<i>A. Paarmann ; I. Razdolski ; J. D. Caldwell ; A. Giles ; V. Giannini ; S. Gewinner ; W. Schöllkopf ; S. A. Maier ; M. Wolf</i>	
NONLINEAR REFRACTORY PLASMONICS WITH TIN NANOANTENNAS	1253
<i>Lili Gui ; Bernd Metzger ; Shahin Bagheri ; Christine M. Zgrabik ; Nikolai Strohfeldt ; Evelyn L. Hu ; Harald Giessen</i>	
DOUBLE RESONANCE IN ALUMINUM NANOANTENNAS FOR ENHANCED SECOND HARMONIC GENERATION	1255
<i>M. Ethis De Corny ; L. Olgeirsson ; M. Jeannin ; N. Chauvet ; G. Laurent ; S. Huant ; A. Drezet ; G. Nogues ; G. Bachelier</i>	
TWO-PHOTON LUMINESCENCE OF SINGLE GOLD NANORODS: INFLUENCE OF THE RODS VOLUME AT A GIVEN PLASMON RESONANCE	1257
<i>Céline Molinaro ; Sylvie Marguet ; Ludovic Douillard ; Fabrice Charra ; Céline Fiorini-Debuisschert</i>	
PHASE MASK-BASED MULTIMODAL SUPERRESOLUTION MICROSCOPY	1259
<i>Ryan Beams ; Stephan J. Stranick</i>	
BACKWARD PHASE-MATCHING IN NEGATIVE-INDEX MATERIALS	1261
<i>Shoufeng Lan ; Lei Kang ; David T. Schoen ; Sean P. Rodrigues ; Yonghao Cui ; Mark L. Brongersma ; Wenshan Cai</i>	
SUPERCONDUCTING NANOWIRE SINGLE-PHOTON DETECTORS AND NANOWIRE-BASED SUPERCONDUCTING ON-CHIP ELECTRONICS	1263
<i>Karl K. Berggren ; Lucy Archer ; Francesco Bellei ; Niccolò Calandri ; Andrew E. Dane ; Adam N. McCaughan ; Emily A. Toomey ; Qingyuan Zhao ; Di Zhu</i>	
TEMPORAL MAGNIFICATION WITH PICOSECOND RESOLUTION AT THE SINGLE-PHOTON LEVEL	1265
<i>Alessandro Farsi ; Chaitali Joshi ; Thomas Gerrits ; Richard Mirin ; Sae Won Nam ; Varun Verma ; Sven Ramelow ; Alexander Gaeta</i>	
MICROWAVE KINETIC INDUCTANCE DETECTORS FOR UV, OPTICAL, AND NEAR-IR PHOTON DETECTION AND SPECTROSCOPY	1268
<i>Benjamin A Mazin</i>	
SHORT-GATE TECHNIQUES FOR HIGH-SPEED PHOTON COUNTING WITH INGAAS/INP SPADS	1269
<i>Alberto Tosi ; Alessandro Ruggeri ; Federica Villa ; Mirko Sanzaro ; Mauro Buttafava ; Niccolò Calandri ; Franco Zappa</i>	
ULTRA-NARROW GATING OF INGAAS/INP SPAD FOR HIGH-DETECTION-EFFICIENCY LOW-ERROR-RATE HIGH-SPEED SINGLE-PHOTON DETECTION	1271
<i>Alessandro Restelli ; Joshua C. Bienfang</i>	
DIELECTRIC METASURFACES FOR POLARIZATION SELECTIVE BEAM SHAPING	1273
<i>Boris Desiatov ; Noa Mazurski ; Yeshaiah Fainman ; Uriel Levy</i>	
CURVED SPACE NANOPHOTONICS INSPIRED BY GENERAL RELATIVITY	1275
<i>Rivka Bekenstein ; Yossef Kabessa ; Yonatan Sharabi ; Or Tal ; Nader Engheta ; Gadi Eisenstein ; Aharon J. Agranat ; Mordechai Segev</i>	
EXPERIMENTAL DEMONSTRATION OF WAVEGUIDING BY ARTIFICIAL GAUGE FIELD	1277
<i>Yaakov Lumer ; Miguel A. Banders ; Hanan Herzig Sheinfux ; Yonatan Plotnik ; Matthias Heinrich ; Alexander Szaeméit ; Mordechai Segev</i>	
PHOTONIC REALIZATION OF TOPOLOGICALLY PROTECTED BOUND STATES IN DOMAIN-WALL WAVEGUIDE ARRAYS	1279
<i>J. P. Lee-Thorp ; I. Vukicevic ; X. Xu ; J. Yang ; C. L. Fefferman ; C. W. Wong ; M. I. Weinstein</i>	
EXPERIMENTAL REALIZATION OF A REFLECTIONS-FREE COMPACT DELAY LINE BASED ON A PHOTONIC TOPOLOGICAL INSULATOR	1281
<i>Kueifu Lai ; Tzuhsuan Ma ; Gennady Shvets</i>	
UNIVERSAL SPIN-MOMENTUM LOCKING OF EVANESCENT WAVES	1283
<i>Todd Van Mechelen ; Zubin Jacob</i>	
ROBUST LIGHT STATE BY QUANTUM PHASE TRANSITION IN NON-HERMITIAN OPTICAL MATERIALS	1285
<i>Han Zhao ; Stefano Longhi ; Liang Feng</i>	

ALL-DIELECTRIC THREE-DIMENSIONAL PHOTONIC TOPOLOGICAL METACRYSTALS	1287
<i>A. Slobozhanyuk ; S. H. Mousavi ; X. Ni ; D. Smirnova ; Y. S. Kivshar ; A. B. Khanikaev</i>	
CARRIER-ENVELOPE-PHASE- AND ANGLE-RESOLVED PHOTOELECTRON STREAKING MEASUREMENTS ON W(110)	1289
<i>Jürgen Schmidt ; Alexander Guggenmos ; Soo Hoon Chew ; Alexander Gliserin ; Ulf Kleineberg</i>	
STACKING FAULTS AS A NOVEL 2D POTENTIAL FOR EXCITONS	1291
<i>Kai-Mei C. Fu ; Todd Karin ; Xiayu Linpeng ; M. M. Glazov ; M. V. Durnev ; E. L. Ivchenko ; Sarah Harvey ; Ashish K. Rai ; Arne Ludwig ; Andreas D. Wieck</i>	
COHERENT EVOLUTION OF INHOMOGENEOUS EXCITON/BIEXCITON SYSTEM IN AN INAS QUANTUM DOT ENSEMBLE	1293
<i>T. Suzuki ; R. Singh ; M. Bayer ; A. Ludwig ; A. D. Wieck ; S. T. Cundiff</i>	
OPTICAL STARK EFFECT IN CDSE COLLOIDAL NANOCRYSTALS	1295
<i>Yanhao Tang ; John A. McGuire</i>	
CONFINED ACOUSTIC PHONON MODES AND EXCITON-PHONON COUPLING IN SINGLE CDSE/CDS/PMMA HYBRID PARTICLES	1297
<i>Florian Werschluer ; Christopher Hinz ; Tjaard De Roo ; Stefan Mecking ; Alfred Leitenstorfer ; Denis V. Seletskiy</i>	
COHERENT MULTIMODE ELECTRON-PHONON COUPLING DYNAMICS	1299
<i>Aaron S. Rury ; Shayne Sorenson ; Eric Driscoll ; Jahan M. Dawlaty</i>	
AMPLIFICATION OF COHERENT SUB-TERAHERTZ PHONONS BY INTERACTION WITH DRIFT CURRENTS IN A SEMICONDUCTOR SUPERLATTICE	1301
<i>Keisuke Shinokita ; Klaus Reimann ; Michael Woerner ; Thomas Elsaesser ; Rudolf Hey ; Christos Flytzanis</i>	
OPTICAL CONTROL OF THE OPTICAL SPIN HALL EFFECT	1303
<i>O. Lafont ; M. H. Luk ; P. Lewandowski ; N. H. Kwong ; K. P. Chan ; M. Babilon ; P. T. Leung ; E. Galopin ; A. Lemaitre ; J. Tignon ; S. Schumacher ; E. Baudin ; R. Binder</i>	
SPIN-ORBIT INTERACTION OF LIGHT IN NONLINEAR OPTICS	1305
<i>Guixin Li ; Shumei Chen ; Nitipat Pholchai ; Bernhard Reineke ; Polis Wing Han Wong ; Edwin Yue Bun Pun ; Kok Wai Cheah ; Thomas Zentgraf ; Shuang Zhang</i>	
LARGE ENHANCEMENT OF SECOND HARMONIC EMISSION USING LATTICE PLASMON POLARITONS	1307
<i>S. Hamed Shams Mousavi ; Hossein Taheri ; Amir H. Hosseinnia ; Ali A. Eftekhar ; Ali Adibi</i>	
EFFECTIVE THIRD-ORDER NONLINEARITIES IN REFRACTORY PLASMONIC TIN THIN FILMS	1309
<i>Nathaniel Kinsey ; Akbar Ali Syed ; Devon Courtwright ; Clayton Devault ; Carl E. Bonner ; Vladimir I. Gavrilenko ; Vladimir M. Shalaev ; David J. Hagan ; Eric W. Van Stryland ; Alexandra Boltasseva</i>	
ULTRAFAST OPTICAL TUNING OF EPSILON-NEAR-ZERO THIN FILMS	1311
<i>C. Devault ; N. Kinsey ; J. Kim ; A. Dutta ; M. Ferrera ; V. M. Shalaev ; A. Boltasseva</i>	
A CHIRAL METAMATERIAL FOR CHIRAL RESPONSIVE OPTOELECTRONIC TRANSDUCTION	1313
<i>Sean P. Rodrigues ; Lei Kang ; Shoufeng Lan ; Yonghao Cui ; Yongmin Liu ; Douglas H. Werner ; Wenshan Cai</i>	
METASURFACE HOLOGRAPHIC LIGHT SOURCES DRIVEN BY ELECTRON BEAM	1315
<i>Brendan P. Clarke ; Guanhai Li ; Jin-Kyu So ; Kevin F. Macdonald ; Nikolay I. Zheludev</i>	
HYBRID NANOLAYER ARCHITETURES FOR ACOUSTO-PLASMONICS IN SOFT MATTER	1317
<i>E. S. Pavlenko ; M. Sander ; M. Bargheer</i>	
HYBRIDIZATION OF ANTI-DIPOLE PLASMON OSCILLATION AND PHONON IN THE TOPOLOGICAL INSULATOR BI2SE3	1319
<i>Chihun In ; Sangwan Sim ; Jun Park ; Jaeseok Kim ; Sungjoon Park ; Nikesh Koirala ; Matthew Brahlek ; Jisoo Moon ; Maryam Salehi ; Seongshik Oh ; Hyunyoung Choi</i>	
VISIBLE RANGE PLASMONS IN TOPOLOGICAL INSULATORS	1321
<i>Alexander M. Dubrovkin ; Jun Yin ; Giorgio Adamo ; Yasaman Kiasat ; Bo Qiang ; Qi Jie Wang ; Cesare Soci ; Lan Wang ; Nikolay I. Zheludev</i>	
ULTRAFAST OPTICAL CONTROL OF PLASMON-PHONON INTERACTION USING TOPOLOGICAL PHASE TRANSITION IN (BI_{1-x}IN_x)₂SE₃	1323
<i>Sangwan Sim ; Jun Park ; Nikesh Koirala ; Seungmin Lee ; Matthew Brahlek ; Jisoo Moon ; Maryam Salehi ; Jaeseok Kim ; Soonyoung Cha ; Ji Ho Sung ; Moon-Ho Jo ; Seongshik Oh ; Hyunyoung Choi</i>	
TWO-DIMENSIONAL FREE-FORM FABRICATION AND LIFETIME-TUNING OF QUANTUM DOTS	1325
<i>Bharath Bangalore Rajeeva ; Linhan Lin ; Evan P Perillo ; Xiaolei Peng ; Andrew K Dunn ; Yuebing Zheng</i>	
COLLECTIVE PLASMONIC OSCILLATIONS IN NANOSTRIPS ARRAYS AND CONTINUOUS SINE-WAVE GRATINGS. COMPARATIVE STUDY	1327
<i>N. Noginova ; S. Mashhadi ; V. Rono ; M. Lepain ; M. Durach</i>	
EMERGENCE OF TRANSVERSE SPIN IN OPTICAL MODES OF SEMICONDUCTOR NANOWIRES	1329
<i>M. H. Alizadeh ; Björn M. Reinhard</i>	
COHERENT CONTROL OF PLASMONIC SPIN-HALL EFFECT	1331
<i>Shiyi Xiao ; Fan Zhong ; Hui Liu ; Shining Zhu ; Jensen Li</i>	
A STRONG LOOPHOLE-FREE TEST OF LOCAL REALISM	1333
<i>Lynden K. Shalm ; Evan Meyer-Scott ; Bradley G. Christensen ; Peter Bierhorst ; Michael A. Wayne ; Martin J. Stevens ; Thomas Gerrits ; Scott Glancy ; Dery R. Hamel ; Michael S. Allman ; Kevin J. Coakley ; Shellie D. Dyer ; Carson Hodge ; Adriana E. Lita ; Varun B. Verma ; Camilla Lambrocco ; Edward Tortorici ; Alan L. Migdall ; Yanbao Zhang ; Daniel R. Kumor ; William H. Farr ; Francesco Marsili ; Matthew D. Shaw ; Jeffrey A. Stern ; Carlos Abellán ; Waldimar Amaya ; Valerio Pruneri ; Thomas Jennewein ; Morgan W. Mitchell ; Paul G. Kwiat ; Joshua C. Bienfang ; Richard P. Mirin ; Emanuel Knill ; Sae Woo Nam</i>	
FROM THE FIRST LOOPHOLE-FREE BELL TEST TO A QUANTUM INTERNET	1335
<i>B. Hensen ; H. Bernien ; A. E. Dréau ; A. Reiserer ; N. Kalb ; M. S. Blok ; J. Ruitenberg ; R. F. L. Vermeulen ; R. N. Schouten ; C. Abellán ; W. Amaya ; V. Pruneri ; M. W. Mitchell ; M. Markham ; D. J. Twitchen ; D. Elkouss ; S. Wehner ; T. H. Taminiau ; R. Hanson</i>	

SIGNIFICANT-LOOPHOLE-FREE TEST OF LOCAL REALISM WITH ENTANGLED PHOTONS	1337
<i>M. Giustina ; M. A. M. Versteegh ; S. Wengerowsky ; J. Handsteiner ; A. Hochtner ; K. Phelan ; F. Steinlechner ; J. Kofer ; J.-d. Larson ; C. Abellán ; W. Amaya ; V. Pruneri ; M. W. M. Mitchell ; J. Beyer ; T. Gerrits ; A. Lita ; L. K. Shalm ; S. W. Nam ; T. Scheidl ; R. Ursin ; B. Wittmann ; A. Zeilinger</i>	
HIGH-EFFICIENCY UV SUPERCONDUCTING NANOWIRE SINGLE-PHOTON DETECTORS FROM AMORPHOUS MOSI	1339
<i>Emma E. Wollman ; Varun B. Verma ; Ryan M. Briggs ; Andrew D. Beyer ; Richard P. Mirin ; Sae Woo Nam ; Francesco Marsili ; Matthew D. Shaw</i>	
HIGH-OPERATING-TEMPERATURE SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTORS	1341
<i>Angel E. Velasco ; Daniel P. Cunnane ; Narendra Acharya ; Ryan Briggs ; Andrew Beyer ; Matthew Shaw ; Boris S. Karasik ; Matthäus A. Wolak ; Xiaoxing Xi ; Francesco Marsili</i>	
NON-UNIVERSAL CORRELATIONS IN COMPLEX ELECTROMAGNETIC FIELDS	1343
<i>Aristide Dogariu</i>	
COHERENT SPATIOTEMPORAL CONTROL OF LIGHT THROUGH A MULTIPLY SCATTERING MEDIUM	1344
<i>Mickael Mounaix ; Daria Andreoli ; Hugo Defienne ; Giorgio Volpe ; Ori Katz ; Samuel Grésillon ; Sylvain Gigan</i>	
NEAR-FIELD INTERACTIONS AND ANOMALOUS DIFFUSION OF LIGHT IN DISORDERED MEDIA	1346
<i>Roxana Rezvani Naraghi ; Marielena Burdge ; Sergey Sukhov ; Aristide Dogariu</i>	
DETECTION OF DIFFUSIVE CLOAK VIA SECOND-ORDER STATISTICS	1348
<i>Milan Koirala ; Alexey Yamilov</i>	
COHERENT ULTRAFAST POLARON PAIR FORMATION IN A CONJUGATED POLYMER AT ROOM TEMPERATURE	1350
<i>Antonietta De Sio ; Ephraim Sommer ; Filippo Troiani ; Julien Rehault ; Margherita Maiuri ; Elisa Molinari ; Giulio Cerullo ; Christoph Lienau</i>	
2D ELECTRONIC STARK SPECTROSCOPY	1352
<i>Anton Loukianov ; Andrew Niedringhaus ; Jie Pan ; Jennifer Ogilvie</i>	
MANY-BODY EFFECTS AND THE ROLE OF INDIRECT EXCITONS IN ASYMMETRIC INGAAS/GAAS DOUBLE QUANTUM WELLS	1354
<i>Christopher L. Smallwood ; Takeshi Suzuki ; Travis M. Autry ; Rohan Singh ; Matthew W. Day ; Fauzia Jabeen ; Steven T. Cundiff</i>	
ROTATIONAL SYMMETRY BREAKING IN COHERENT DYNAMICS OF GAN EXCITONS EXCITED BY RADIALLY POLARIZED PULSES	1356
<i>Kyohhei Shigematsu ; Masato Suzuki ; Keisaku Yamane ; Ryuji Morita ; Yasunori Toda</i>	
RECENT ADVANCES OF MID-INFRARED COMPACT, FIELD DEPLOYABLE SENSORS AND THEIR REAL WORLD APPLICATIONS IN THE PETROCHEMICAL INDUSTRY, ATMOSPHERIC CHEMISTRY AND SECURITY	1358
<i>F. K. Tittel ; A. Gluszek ; A. Hudzikowski ; Lei Dong ; Chunguang Li ; Pietro Patimisco ; A. Sampaolo ; Vincenzo L. Spagnolo ; J. Wojtas</i>	
APPLICATION OF MID-INFRARED FIBER LASER SOURCES	1360
<i>Jihong Geng ; Shibin Jiang</i>	
HYBRIDIZED FABRICATION OF ROBUST LOW-LOSS MULTIMATERIAL CHALCOGENIDE FIBER FOR INFRARED APPLICATIONS	1362
<i>Soroush Shabahang ; Felix Tan ; Joshua Perlstein ; Guangming Tao ; Mohammed Algarni ; Yuanli Bai ; Oseas Alvarez ; Gene Tsvid ; Kumar Patel ; François Chenard ; Kenneth L. Schepler ; Ayman F. Abouraddy</i>	
TRANSITIONING CR²⁺ AND FE²⁺ DOPED ZN CHALCOGENIDE LASER TECHNOLOGY TO COMMERCIAL PRODUCTS — LESSONS LEARNED	1364
<i>S. B. Mirov ; I. S. Moskalev ; M. S. Mirov ; S. Vasilyev ; V. V. Fedorov ; D. V. Martyshkin ; V. Smolski ; V. Gapontsev</i>	
MBE-GROWN CR:ZNS THIN FILM LASER MEDIA	1366
<i>Nikolai Tolstik ; Evgeni Sorokin ; Eric A. Karhu ; Stanislav M. Polyakov ; Ursula J. Gibson ; Irina T. Sorokina</i>	
WHERE ARE OUR CLOSEST NEIGHBOURS? LOOKING FOR LIFE ON NEARBY EXOPLANETS	1368
<i>Olivier Guyon</i>	
BIG SCIENCE IN SMALL PACKAGES: A CONSTELLATION OF CUBESATS TO SEARCH FOR NEAR EARTH ASTEROIDS	1370
<i>Michael Shao ; Slava Turyshev ; Chengxing Zhai</i>	
ADAPTIVE OPTICS IN THE EXTREMELY LARGE TELESCOPE AREA: NEW REQUIREMENTS, NEW CONCEPTS AND NEW CHALLENGES	1372
<i>Carlos Correia Thierry Fusco</i>	
ALL-FIBRE TAPERED PSEUDO-SLIT REFORMATTER	1373
<i>S. Yerolatsitis ; K. Harrington ; T. A. Birks</i>	
EFFICIENT PHOTONIC REFORMATTING OF STELLAR LIGHT FOR HIGH PRECISION SPECTROSCOPY	1375
<i>D. G. Maclachlan ; R. J. Harris ; I. Gris-Sánchez ; T. J. Morris ; D. Choudhury ; E. Gendron ; A. G. Basden ; I. Spaleniak ; A. Arriola ; T. A. Birks ; J. R. Allington-Smith ; R. R. Thomson</i>	
QUANTUM CASCADE LASERS: A PLATFORM TECHNOLOGY FOR TODAY'S MARKETPLACE	1377
<i>D. Arnone ; D. Caffey ; W. Chapman ; T. Day ; E. Fotheringham ; A. Priest ; M. Pushkarsky ; M. Weida</i>	
SUB MICROSECOND TUNING AND RAPID TRANSMISSION AND STANDOFF DETECTION USING QUANTUM CASCADE LASERS	1379
<i>C. Kumar N. Patel</i>	
HIGHLY INTEGRATED GAS SENSORS BASED ON BI-FUNCTIONAL QUANTUM CASCADE STRUCTURES	1381
<i>R. Szedlak ; A. Harrer ; B. Schwarz ; M. Holzbauer ; H. Moser ; D. Macfarland ; T. Zederbauer ; H. Detz ; A. M. Andrews ; W. Schrenk ; B. Lendl ; G. Strasser</i>	

MULTI-SPECIES SENSING USING MULTI-MODE ABSORPTION SPECTROSCOPY WITH MID- INFRARED INTERBAND CASCADE LASERS	1383
<i>S. O'Hagan ; J. H. Northern ; B. Gras ; P. Ewart ; C. S. Kim ; M. Kim ; C. D. Merritt ; W. W. Bewley ; C. L. Canedy ; J. Abell ; I. Vurgaftman ; J. R. Meyer</i>	
SPECTROSCOPIC DETECTION OF RADIOCARBON DIOXIDE AT PARTS-PER-QUADRILLION SENSITIVITY	1385
<i>Iacopo Galli ; Saverio Bartalini ; Marco Barucci ; Pablo Cancio ; Francesco Cappelli ; Giovanni Giusfredi ; Davide Mazzotti ; Naota Akikusa ; Paolo De Natale</i>	
OPTICAL FREQUENCY COMB SPECTROSCOPY AT 3.3 AND 5.2 μM BY A TM:FIBER-LASER-PUMPED OPTICAL PARAMETRIC OSCILLATOR	1387
<i>Amir Khodabakhsh ; Venkata R. Badarla ; Lucile Rutkowski ; Alexandra C. Johansson ; Kevin F. Lee ; J. Jiang ; C. Mohr ; Martin E. Fermann ; Aleksandra Foltynowicz</i>	
PHOTONIC STELLAR INTERFEROMETRY: TO THE DIFFRACTION LIMIT AND BEYOND	1389
<i>Peter Tuthill</i>	
ASTROPHOTONICS AND ADAPTIVE OPTICS — A MATCH MADE IN THE STARS?	1390
<i>T. J. Morris ; M. Corrigan ; R. J. Harris</i>	
ACHROMATIC MODULATORS AND HYBRID BEAM COMBINERS FOR ASTROPHOTONICS	1392
<i>Joran Loridat ; Gwenn Ulliac ; Nadege Courjal ; Sylvestre Lacour ; Guillermo Martin</i>	
FIRST ON-SKY DEMONSTRATION OF A COMPACT FULLY-INTEGRATED PHOTONIC WAVEGUIDE NULLING INTERFEROMETER	1394
<i>A. Arriola ; B. Norris ; N. Cvetojevic ; S. Gross ; J. Lawrence ; M. Withford ; P. Tuthill</i>	
THREE-DIMENSIONAL MEASUREMENT TECHNOLOGY FOR ADDITIVE MANUFACTURING	1396
<i>Chia-Hung Cho</i>	
SLOW LIGHT ENHANCEMENT OF Q-FACTORS IN FABRICATED PHOTONIC CRYSTAL RING RESONATORS	1398
<i>Kathleen McGarvey-Lechable ; Tabassom Hamidfar ; David Patel ; Luhua Xu ; David Plant ; Pablo Bianucci</i>	
LOW-POWER THERMO-OPTICAL BISTABILITY IN A GRAPHENE OXIDE-ON-SILICON MICRO-RING RESONATOR	1400
<i>Tzu-Hsiang Yen ; Chong-Jia Wu ; Chia-Wei Huang ; Chia-Chien Wei ; Yung Hung</i>	
SUB-GHZ MODULATION OF LIGHT WITH DIELECTRIC NANOMECHANICAL METAMATERIALS	1402
<i>Artemios Karvounis ; Jun-Yu Ou ; Behrad Gholipour ; Weiping Wu ; Kevin F. Macdonald ; Nikolay I. Zheludev</i>	
ALL-OPTICAL IMAGE RECOGNITION AND PROCESSING WITH PLASMONIC METASURFACES	1404
<i>Maria Papaioannou ; Eric Plum ; Edward T. F. Rogers ; João Valente ; Nikolay I. Zheludev</i>	
BLOCH SURFACE WAVE RING RESONATORS	1406
<i>G. A. Rodriguez ; M. Menotti ; D. Aurelio ; M. Liscidini ; S. M. Weiss</i>	
2×2 ELECTRO-OPTIC SWITCH WITH FJ/BIT SWITCHING POWER BASED ON DUAL PHOTONIC CRYSTAL NANOBEAM CAVITIES	1408
<i>Huanying Zhou ; Ciyuan Qiu ; Jiayang Wu ; Boyu Liu ; Xinhong Jiang ; Jizong Peng ; Zhenzhen Xu ; Yong Zhang ; Ruili Liu ; Yikai Su ; Richard Soref</i>	
MEASUREMENT OF FREE-SPACE COUPLING EFFICIENCY IN A DEFORMED MICROCAVITY USING STIMULATED RAMAN SCATTERING	1410
<i>Shu-Xin Zhang ; Li Wang ; Ze-Yang Li ; Qihuang Gong ; Yun-Feng Xiao</i>	
ADIABATIC SILICA MICROSPIKE WITH HIGH MECHANICAL Q-FACTOR	1412
<i>Riccardo Pennetta ; Shangran Xie ; Roman Noskov ; Philip St. J. Russell</i>	
GRADED CRIG FILTERS FOR TUNABLE EXTERNAL CAVITY LASERS	1414
<i>O. Gauthier-Lafaye ; S. Augé ; X. Buet ; A. Monmayrant</i>	
CRYOGENIC MONOLITHIC ND:YAG LASER AT 946 NM WITH > 70% SLOPE EFFICIENCY	1416
<i>Chun-Yu Cho ; Yung-Fu Chen</i>	
TUNING OF SILICON PHOTONIC CRYSTAL SPLIT-BEAM NANOCAVITY THROUGH ITS INTRINSIC STRUCTURAL DEFORMATION	1418
<i>Tong Lin ; Guangya Zhou ; Chau Fook Siong ; Wei Zhang</i>	
BURIED EXTRAORDINARY OPTICAL TRANSMISSION	1420
<i>Christopher Roberts ; Runyu Liu ; Xiang Zhao ; Lan Yu ; Parsian Mohseni ; Xiuling Li ; Daniel Wasserman ; Viktor Podolskiy</i>	
COUPLED PHOTONIC CRYSTAL MICROCAVITIES FOR HIGH-Q SENSING	1422
<i>Zheng Wang ; Hai Yan ; Swapnajit Chakravarty ; D. L. Fan ; Ray T. Chen</i>	
ULTRA-BROADBAND DISPERSION ENGINEERING OF NANOPHOTONIC DEVICES WITH FIVE ZERO- DISPERSION WAVELENGTHS	1424
<i>Hanxiao Liang ; Yang He ; Rui Luo ; Qiang Lin</i>	
SILICON SOCKET LAYER FOR HIGHLY TUNABLE PHONON-PHONON COUPLING IN INTEGRATED CIRCUITS	1426
<i>Paul Tiebot ; Raphaël Van Laer ; Bart Kuyken ; Dries Van Thourhout</i>	
A STRIP-SLOT DIRECT MODE COUPLER	1428
<i>Kyunghun Han ; Sangsik Kim ; Justin Wirth ; Min Teng ; Yi Xuan ; Ben Niu ; Minghao Qi</i>	
OPTIMIZED CLADDING-PUMPED FEW-MODE EDFAS FOR SPACE-DIVISION MULTIPLEXED SYSTEMS	1430
<i>Hesham A. Youssef ; Zaid A. El-Sahn</i>	
INDOOR OFDM VISIBLE LIGHT COMMUNICATIONS EMPLOYING ADAPTIVE DIGITAL PRE- FREQUENCY DOMAIN EQUALIZATION	1432
<i>Chen Chen ; Wen-De Zhong ; Dehao Wu</i>	

QPSK REGENERATION WITHOUT ACTIVE PHASE-LOCKING	1434
<i>Niels-Kristian Kjoller ; Francesco Da Ros ; Kasper Meldgaard Roge ; Michael Galili ; Leif K. Oxenlowe</i>	
ACHIEVING DUAL-WAVELENGTH CO-LINEAR EMISSION AT QUASI-THREE-LEVEL AND FOUR-LEVEL TRANSITIONS WITH COMPACTLY COMBINED DUAL GAIN MEDIA	1436
<i>Chun-Yu Cho ; Yung-Fu Chen</i>	
POWER BUDGET ENHANCEMENT IN AN IMDD PON DOWNSTREAM WITH MULTICARRIER CODE DIVISION MULTIPLE ACCESS	1438
<i>You-Wei Chen ; Yi-Ting Liao ; Tsan-Ning Lai ; Mu-Fan Chang ; Kai-Ming Feng</i>	
IMDD-BASED CHANNEL-REUSE, BIDIRECTIONAL 40 GB/S/ λ WDM-PON	1440
<i>Zhiguo Zhang ; Bingbing Zhang ; Cheng Ju ; Xue Chen</i>	
BI-DIRECTIONAL SPACE-TIME CODED RECONFIGURABLE BOARD-TO-BOARD FREE-SPACE OPTICAL INTERCONNECTS	1442
<i>Ke Wang ; Ampalavanapillai Nirmalathas ; Christina Lim ; Kamal Alameh ; Efstratios Skafidas</i>	
BIDIRECTIONAL QUASI-PASSIVE RECONFIGURABLE (BI-QPAR) NODE FOR FLEXIBLE ACCESS NETWORKS	1444
<i>Ke Wang ; Yingying Bi ; Leonid G. Kazovsky</i>	
ALL-OPTICAL WAVELENGTH CONVERSION OF OFDM SIGNALS USING TWO-MODE INJECTION-LOCKING IN FABRY-PÉROT LASERS	1446
<i>Xingwen Yi ; Juntao Dang ; Jing Zhang ; Ning Jiang ; Kun Qiu</i>	
TUNABLE ALL-OPTICAL WDM CHANNEL SELECTION USING RAMAN ASSISTED CASCADED PARAMETRIC AMPLIFICATION	1448
<i>F. Alishahi ; Y. Cao ; M. Ziyadi ; A. Mohajerin-Ariaei ; A. Fallahpour ; A. Almainan ; C. Bao ; P. Liao ; A. J. Willner ; B. Shamee ; Y. Akasaka ; T. Ikeuchi ; S. Takasaka ; R. Sugizaki ; J. D. Touch ; M. Tur ; A. E. Willner</i>	
AN ITERATIVE DECODING SCHEME OF CONCATENATED LDPC AND BCH CODES FOR OPTICAL TRANSPORT NETWORK	1451
<i>Wei Zhou ; Shaoliang Zhang</i>	
DEMONSTRATION OF MULTIPLEXING AND TRANSMISSION OF QPSK-TO-16QAM CHANNELS OVER 100 KM USING WAVE MIXING FOR AGGREGATION AND NOISE MITIGATION	1453
<i>A. Mohajerin-Ariaei ; M. Ziyadi ; A. Almainan ; Y. Cao ; C. Bao ; P. Liao ; B. Shamee ; F. Alishahi ; A. Fallahpour ; M. R. Chügärha ; A. J. Willner ; Y. Akasaka ; T. Ikeuchi ; S. Wilkinson ; J. Touch ; M. Tur ; C. Langrock ; M. M. Fejer ; A. E. Willner</i>	
LOCAL ERROR METHOD WITH PRE-CALCULATED STEP-SIZES FOR THE SIMULATION OF SIGNAL PROPAGATION IN VECTOR FIBER CHANNEL	1455
<i>Q. Zhang ; S. Nadimpalli ; L. Zhu ; H. Min ; S. Shrestha ; P. S. Megat Hamari ; L. Xing</i>	
DEMONSTRATION OF ORBITAL ANGULAR MOMENTUM (OAM) MODES EMISSION FROM A SILICON PHOTONIC INTEGRATED DEVICE FOR 20 GBIT/S QPSK CARRYING DATA TRANSMISSION IN FEW-MODE FIBER	1457
<i>Jun Liu ; Shimao Li ; Yunhong Ding ; Andong Wang ; Long Zhu ; Shuhui Li ; Shuang Zheng ; Shi Chen ; Cheng Du ; Qi Mo ; Siyuan Yu ; Xinlun Cai ; Jian Wang</i>	
ENHANCEMENT OF OPTICAL ABSORPTION IN ‘PHOTONIC GRAPHENE’	1459
<i>Abdul Khaleque ; Haroldo T. Hattori</i>	
100 GB/S HYBRID DATA TRANSMISSION USING 1.3-μM DML FOR OPTICAL INTERCONNECT APPLICATIONS	1461
<i>Nguyen Dong-Nhat ; Amin Malekmohammadi</i>	
PERFORMANCE EVALUATION OF HYBRID DBPSK-MPPM TECHNIQUE IN LONG-HAUL OPTICAL TRANSMISSION	1463
<i>Abdulaziz E. El-Fiqi ; Ahmed E. Morra ; Hossam M. H. Shalaby ; Salah S. A. Obayya ; Kazutoshi Kato</i>	
16-USER OFDM-CDMA OPTICAL ACCESS NETWORK	1465
<i>X. Guo ; Q. Wang ; L. Zhou ; L. Fang ; X. Li ; A. Wonfor ; R. V. Penty ; I. H. White</i>	
CONSTRUCTION OF IRREGULAR QC LDPC CODES WITH LOW ERROR FLOOR FOR HIGH SPEED OPTICAL COMMUNICATIONS	1467
<i>Dongdong Wang ; Liqian Wang ; Xue Chen ; Aimei Fei ; Chi Chen ; Chen Ju ; Zhirong Wang ; Huitao Wang</i>	
DUAL-COMB-ASSISTED REAL-TIME MICROWAVE FREQUENCY MEASUREMENT WITH A SINGLE MODE-LOCKED FIBER LASER	1469
<i>Xin Zhao ; Cui Li ; Yingling Pan ; Guoqing Hu ; Takeshi Yasui ; Zheng Zheng</i>	
ON-CHIP SPECTRAL BROADENING OF KERR FREQUENCY COMBS: TOWARDS A FULLY INTEGRATED FREQUENCY METROLOGY SYSTEM WITH F-2F SELF-REFERENCE	1471
<i>Jing Wang ; Yuhao Guo ; Guifang Li ; Lin Zhang</i>	
DIAMOND COLOR CENTER BASED FM MICROWAVE DEMODULATOR	1473
<i>Linbo Shao ; Mian Zhang ; Marko Loncar</i>	
A COMPACT 30 GHZ SPACED ASTRO-COMB BASED ON 1 GHZ YB:FIBER LASER	1475
<i>Yuxuan Ma ; Lijun Zuo ; Fei Meng ; Chen Li ; Tongxiao Jiang ; Aimin Wang ; Fei Zhao ; Gang Zhao ; Zhigang Zhang</i>	
MEASUREMENT OF LOOP GAIN AND BANDWIDTH IN PHASE-LOCKED LOOP OF MODE-LOCKED LASER	1477
<i>J. Tian ; Y. Cheng ; N. Xie ; D. Hou</i>	
TUNABLE PLASMONIC BAND-STOP FILTERS BASED ON PERIODICALLY MODULATED GRAPHENE	1479
<i>Bin Shi ; Xinzheng Zhang ; Wei Cai ; Yinxiao Xiang ; Jingjun Xu</i>	
OPTICAL FREQUENCY COMB BASED ON SINGLE-PASS FOUR-WAVE-MIXING IN A HNLF COMBINED WITH EO-MODULATION	1481
<i>Jose Luis S. Brito ; Paulo Dainese ; Flavio C. Cruz</i>	

PASSIVELY OFFSET-FREE YB:FIBER LASER SOURCE WITH 1 GHZ REPETITION RATE	1483
<i>Qian Cao ; Chen Li ; Yizhou Liu ; Xiang Gao ; Zhigang Zhang ; Franz X. Kärtner ; Guoqing Chang</i>	
EXPERIMENTAL DEMONSTRATION AND THEORETICAL MODELING OF RAMAN PROBE INDUCED SPECTRAL DIP FOR REALIZING A SUPERLUMINAL LASER	1485
<i>Joshua Yablon ; Zifan Zhou ; Minchuan Zhou ; Ye Wang ; M. S. Shahriar</i>	
COMB-BASED ACTIVE LASER RANGING WITH FREQUENCY TRANSFER	1487
<i>Hongyuan Zhang ; Haoyun Wei ; Yan Li</i>	
OPTICAL RECTIFICATION AND AM-TO-PM CONVERSION IN A LITHIUM NIOBATE-LOADED MICROWAVE CAVITY	1489
<i>Lanbing Kang ; Brian H. Kolner</i>	
A 10-GHZ OPTICAL FREQUENCY COMB FROM A SCOWA-BASED LASER WITH AN INTRA-CAVITY 10,000 FINESSE ETALON	1491
<i>Kristina Bagnell ; Anthony Klee ; Jason Plant ; Paul Juodawlkis ; Peter Delfyett</i>	
OPTICAL INVESTIGATIONS OF NANOROD-SUBSTRATE INTERACTION FOR LIGHT MANAGEMENT	1493
<i>G. Mangalgiri ; P. Manley ; W. Riedel ; M. Schmid</i>	
HIGH POWER SINGLE-FREQUENCY AND FREQUENCY-DOUBLED LASER WITH ACTIVE COMPENSATION FOR THE THERMAL LENS EFFECT OF TGG CRYSTAL	1495
<i>Huadong Lu ; Qiwei Yin ; Jing Su ; Kunchi Peng</i>	
AN ENERGY-EFFICIENT AND ROBUST RING NETWORK STRUCTURE FOR NEXT GENERATION OPTICAL ACCESS	1497
<i>Yunxin Lv ; Ning Jiang ; Kun Qiu ; Chenpeng Xue</i>	
HYBRID LIDAR SYSTEM USING COMBINATION OF TIME CORRELATED SINGLE PHOTON COUNTING AND WAVEFORM SAMPLING	1499
<i>Zhaodong Chen ; Rongwei Fan ; Wei Lu ; Xiaohui Li ; Guangchao Ye ; Xinrui Xu ; Ruihuan Zhang ; Deying Chen ; Hui Li</i>	
SOLAR PUMPED LASING OF ND-DOPED ZBLAN DOUBLE-CLAD FIBER WITH SILICA FIBER BRAGG GRATINGS	1501
<i>Takenobu Suzuki ; Naoki Tsumoto ; Yasutake Ohishi ; Martin Bernier ; Réal Vallée</i>	
POLARIMETRIC MEASUREMENTS AND ANALYSIS OF DIFFERENT METAL-COATED MIRRORS	1503
<i>Sarah Knudsen ; Anna Petrova-Mayor</i>	
DUAL-FIBER SERS CHIP USING MONOLAYER GOLD NANOPARTICLES SELF-ASSEMBLED ON OPTICAL FIBER END	1505
<i>Hongwen Zhou ; Haitao Liu ; Luoyang Chen ; Jie Chen</i>	
NEAR-INFRARED QUARTZ ENHANCED PHOTOACOUSTIC SENSOR FOR SUB-PPM LEVEL H2S DETECTION BASED ON A FIBER-AMPLIFIER SOURCE	1507
<i>Hongpeng Wu ; Frank K. Tittel ; Lei Dong ; Huadan Zheng ; Xukun Yin ; Suotang Jia</i>	
IMPROVING CRYSTALLINE QUALITY OF NON-VACUUM PROCESSED CU(IN,GA)SE₂ THIN FILMS BY FEMTOSECOND LASER ANNEALING	1509
<i>Jia-Xing Li ; Nian-Zu She ; Yu-Hsuan Chang ; Shih-Chen Chen ; Hao-Chung Kuo ; Kuang-Hsiung Wu</i>	
STRONG-FIELD RESONANT DYNAMICS IN SEMICONDUCTORS: INTERPLAY OF RABI FLOPPING AND INTRABAND MOTION	1511
<i>Michael S. Wismer ; Stanislav Yu. Kruchinin ; Marcelo Ciappina ; Mark I. Stockman ; Vladislav S. Yakovlev</i>	
LASING IN STRONG-FIELD IONIZED NITROGEN MOLECULES: INFLUENCE OF NUCLEAR DYNAMICS ON POPULATION INVERSION	1513
<i>Jinping Yao ; Shicheng Jiang ; Wei Chu ; Bin Zeng ; Chengyin Wu ; Ruifeng Lu ; Ziting Li ; Hongqiang Xie ; Guihua Li ; Chao Yu ; Zhanshan Wang ; Hongbing Jiang ; Qihuang Gong ; Ya Cheng</i>	
EVIDENCE OF HYDROGEN MIGRATION RATHER THAN ISOMERIZATION IN THE ACETYLENE DICATION	1515
<i>Chelsea E Liekhus-Schmaltz ; Zheng Li ; Vladimir Petrovic ; Todd Martinez ; Philip H Bucksbaum</i>	
CHARACTERIZATION OF TIME-DEPENDENT IONIZATION DEGREE OF GASEOUS MEDIA DURING HIGH-HARMONIC GENERATION	1517
<i>Kentaro Sato ; Mamoru Kohga ; Takafumi Kuroda ; Masanori Hata ; Akira Suda</i>	
SIMPLE APPARATUS FOR CONVERTING STANDARD SOURCES OF LINEARLY-POLARIZED HIGH HARMONICS INTO SOURCES OF CIRCULARLY-POLARIZED HIGH HARMONICS	1519
<i>Gil Ilan Haham ; Ofer Kfir ; Eliyahu Bordo ; Avner Fleischer ; Oren Lahav ; Pavel Sidorenko ; Oren Cohen</i>	
A HIGH-SENSITIVITY TWO-DIMENSIONAL INCLINOMETER BASED ON TWO-ARRAY-ETCHED-CHIRPED FIBER GRATINGS	1521
<i>Hung-Ying Chang ; Chin-Chi Liu ; Yu-Chung Chang ; Wen-Fung Liu</i>	
RAMSEY INTERFERENCE IN THE RESONANCE FLUORESCENCE OF A CHARGED QUANTUM DOT	1523
<i>J. P. Lee ; A. J. Bennett ; J. Skiba-Szymanska ; D. J. P. Ellis ; I. Farrer ; D. A. Ritchie ; A. J. Shields</i>	
INVESTIGATION OF RANDOM LASING CHARACTERISTICS FROM DYE-DOPED TWISTED NEMATIC LIQUID CRYSTALS IN WEDGE CELL	1525
<i>Sheng Hung Lin ; Po-Yen Chen ; Jin-Jei Wu ; Yao-Hui Chen ; Shwu-Yun Tsay ; Ja Hon Lin ; Wen-Feng Hsieh ; Chaochin Su ; Wen-Ren Li</i>	
PERFORATED HOLLOW-CORE WAVEGUIDE DEVICES FOR ATOMIC SPECTROSCOPY WITH ALKALI VAPOR	1527
<i>Matthieu Giraud-Carrier ; Trevor K. Decker ; Aaron R. Hawkins ; Jennifer A. Black ; Holger Schmidt</i>	
LOW-LOSS EMBEDDED WAVEGUIDES IN PMMA WRITTEN BY A FEMTOSECOND LASER	1529
<i>Welm Pätzold ; Carsten Reinhardt ; Ayhan Demircan ; Uwe Morgner</i>	

QUANTIFICATION OF BULK DENSIFICATION IN FUSED SILICA INDUCED BY FEMTOSECOND LASER EXPOSURE IN THE SUB-50 FS REGIME	1531
<i>Ben McMillen ; Yves Bellouard ; Olivier Uteza ; Raphaël Clady ; Marc Sentis</i>	
EXPERIMENTAL DEMONSTRATION OF ATTENUATION-RESISTANT HIGHER ORDER FROZEN WAVES	1533
<i>Ahmed H. Dorrah ; Michel Zamboni-Rached ; Mo Mojahedi</i>	
STUDY OF POLARIZATION DEPENDENCE OF NLA IN BULK SiO₂ BY FS TWO-COLOR PUMP PROBE SPECTROSCOPY	1535
<i>Mark Green ; Tsing-Hua Her</i>	
SULFUR-HYPERDOPED SILICON PHOTODETECTOR WITH BROADBAND SPECTRAL RESPONSE AND HIGH GAIN AT LOW BIAS	1537
<i>Li Zhao ; Qiang Wu ; Qiang Zeng ; Jianghong Yao ; Xinzheng Zhang ; Jingjun Xu</i>	
WAVELENGTH DEPENDENCE OF THE LASER-INDUCED DAMAGE THRESHOLD OF α-AL₂O₃	1539
<i>Haruyuki Sakurai ; Yo Iida ; Akira Mizutani ; Kuniaki Konishi ; Junji Yumoto ; Makoto Kuwata-Gonokami</i>	
FABRICATION OF MICRORESONATORS OF HIGH Q/V RATIOS USING FEMTOSECOND LASER MICROMACHINING	1541
<i>M. Wang ; J. Lin ; Y. Xu ; Z. Fang ; Z. Liu ; W. Fang ; Y. Cheng</i>	
DEVELOPMENT OF EFFICIENT MID-IR LASER BY INTRA-CAVITY OPO+DFM AND ITS APPLICATION TO LUT OF CFRP	1543
<i>H. Hatano ; M. Watanabe ; S. Takekawa ; H. Yamawaki ; K. Oguchi ; M. Enoki ; R. Slater</i>	
POLARIZATION-ROTATABLE TERAHERTZ WAVE SOURCE GENERATED IN ARGON CLUSTER PLASMA PRODUCED BY DOUBLE PULSE-LASER BEAMS	1545
<i>K. Mori ; M. Hashida ; T. Nagashima ; K. Teramoto ; S. Inoue ; S. Sakabe</i>	
AIR NONLINEARITY TRIGGERED BY AN ULTRA-INTENSE 33 MV/CM AND SUB-5 THZ LIGHT BULLET	1547
<i>M. Shalaby ; C. P. Hauri</i>	
EXOTIC POLARIZATION EFFECTS IN THE PRODUCTION OF ION-MIGRATION ASSISTED, FS-LASER WRITTEN WAVEGUIDES IN PHOSPHATE GLASS	1549
<i>P. Moreno Zarate ; J. Hoyo ; L. Labrador Paez ; J. Siegel ; J. Solis</i>	
2.5–3.0 μM STRAIN-COMPENSATED INAS/IN_xGA_{1-x}AS MULTIPLE QUANTUM WELL LASERS GROWN ON INALAS METAMORPHIC BUFFER LAYERS	1551
<i>Yingjie Ma ; Yi Gu ; Yonggang Zhang ; Xingyou Chen ; Yuanying Cao ; Suping Xi ; Ben Du</i>	
AL-FREE ACTIVE REGION DFB LASER DIODES OPERATING AT 894NM FOR COMPACT CESIUM ATOMIC CLOCKS	1553
<i>N. Von Bandel ; M. Myara ; P. Signoret ; A. Larrue ; O. Parillaud ; M. Krakowski ; M. Garcia</i>	
ONSET OF DEEP UV SURFACE STIMULATED EMISSION FROM ALGAN MULTIPLE QUANTUM WELLS	1555
<i>Xiaohang Li ; Hongen Xie ; Fernando Ponce ; Jae-Hyun Ryou ; Theeradetch Detchprohm ; Russell Dupuis</i>	
PHOTONIC CRYSTAL SURFACE EMITTING LASER WITH ULTRALOW THERMAL RESISTANCE AND NARROW DIVERGENCE ANGLE	1557
<i>Xiaojie Guo ; Yufei Wang ; Aiyi Qi ; Fan Qi ; Siriguleng Zhang ; Wanhua Zheng</i>	
ANGLED CAVITY PHOTONIC CRYSTAL LASERS WITH ASYMMETRIC HIGH-ORDER SURFACE GRATING FOR NARROW SPECTRUM	1559
<i>Y. Liu ; H. W. Qu ; Y. F. Wang ; Y. J. Zhang ; W. H. Zheng</i>	
RECORD LOW DIFFERENTIAL RESISTANCE USING LITHOGRAPHIC VCSELS	1561
<i>M. Li ; X. Yang ; N. Cox ; J. Beadsworth ; D. Deppe</i>	
THE FIBER GRATING STRAIN SENSOR USING IN HIGH TEMPERATURE ENVIRONMENT	1563
<i>Qing Shi ; Zhoulun Sun ; Dongli Wang ; Jinyang Li ; Jiachen Ning</i>	
ROOM TEMPERATURE PHOTONIC CRYSTAL BANDEDGE MEMBRANE LASERS ON SOI SUBSTRATES	1565
<i>Shih-Chia Liu ; Deyin Zhao ; Hongjun Yang ; Zhenqiang Ma ; Carl Reuterskiöld-Hedlund ; Mattias Hammar ; Weidong Zhou</i>	
HIGH PERFORMANCE INDEX-COUPLED DISTRIBUTED FEEDBACK INAS/GAAS QUANTUM DOTS-IN-A-WELL LASERS WITH Laterally CORRUGATED WAVEGUIDES	1567
<i>Yuanbing Cheng ; Haodong Qiu ; Xiaonan Hu ; Zhengji Xu ; Xianshu Luo ; Junfeng Song ; Daohua Zhang ; Hong Wang ; Qi Jie Wang</i>	
INTERFACE ROUGHNESS SCATTERING RATE EQUATION MODEL OF LONG-WAVELENGTH QUANTUM CASCADE LASERS	1569
<i>Ching-Yu Chen ; Yi-Hsiu Chen ; Claire F. Gmachl</i>	
MONOCYCLE 0.6-TERAHERTZ VORTEX GENERATION	1571
<i>Katsuhiko Miyamoto ; Bong Joo Kang ; Won Tae Kim ; Fabian Rotermund ; Yuta Sasaki ; Takashige Omatsu</i>	
NOVEL PYROELECTRIC DETECTORS APPLIED FOR PRECISE THZ POWER MEASUREMENTS	1573
<i>Andreas Steiger ; Werner Bohmeyer ; Karsten Lange</i>	
MULTIPOLAR PLASMONIC RESONANCES IN TERAHERTZ HYBRID METAMATERIALS	1575
<i>Lin Chen ; Li Chen ; Xiaofei Zang ; Yiming Zhu ; Songlin Zhuang</i>	
MODIFYING THE SPECTRAL EMISSION OF A TERAHERTZ QUANTUM CASCADE LASER WITH DOUBLE PULSE INJECTION SEEDING	1577
<i>Sergej Markmann ; Hanond Nong ; Shovon Pal ; Negar Hekmat ; Sven Scholz ; Nadezhda Kukharchyk ; Arne Ludwig ; Sukhdeep Dhillon ; Jérôme Tignon ; Xavier Marcadet ; Claudia Bock ; Ulrich Kunze ; Andreas D. Wieck ; Nathan Jukam</i>	
WAVEGUIDE OPTICAL-TO-THZ SIGNAL CONVERTER USING RING-SHAPED MICROSTRIPLINE	1579
<i>Satoshi Yamasaki ; Akio Yasui ; Tomohiro Amemiya ; Kentaro Furusawa ; Shinsuke Hara ; Issei Watanabe ; Norihiko Sekine ; Nobuhiko Nishiyama ; Akifumi Kasamatsu ; Shigehisa Arai</i>	

PULSE-TRAIN PUMPING FOR EFFICIENT NARROWBAND TERAHERTZ GENERATION IN PERIODICALLY POLED LITHIUM NIOBATE	1581
<i>Frederike Ahr ; Koustuban Ravi ; Sergio Carbajo ; Spencer Jolly ; Tobias Kroh ; Damian Schimpf ; Nicholas Matlis ; Andreas R. Maier ; Franz X. Kärtner</i>	
HETERODYNE TERAHERTZ DETECTORS BASED ON PLASMONIC PHOTOMIXERS	1583
<i>Ning Wang ; Mona Jarrahi</i>	
HIGH-SENSITIVE THERMOREFLECTANCE MEASUREMENT FOR MULTI-LAYERED SEMICONDUCTOR DEVICES USING MULTI-SPECTRAL THERMOREFLECTANCE MICROSCOPY	1585
<i>Dong Uk Kim ; Kwan Seob Park ; Chan Bae Jeong ; Geon Hee Kim ; Ki Soo Chang</i>	
TERAHERTZ PARAMETRIC AMPLIFICATION USING KTiOPO₄	1587
<i>Ming-Hsiung Wu ; Yu-Chung Chiu ; Tsong-Dong Wang ; Gang Zhao ; Andrius Zukauskas ; Yen-Chieh Huang ; Fredrik Laurell</i>	
HIGH-ENERGY TERAHERTZ PULSES FROM SEMICONDUCTORS PUMPED ABOVE THE THREE-PHOTON ABSORPTION EDGE	1589
<i>Gy. Polónyi ; B. Monoszlai ; G. Andriukaitis ; G. Gäumann ; T. Balciunas ; A. Pugzlys ; A. Baltuska ; T. Feurer ; J. Hebling ; J. A. Fülöp</i>	
DISCRIMINATION OF ORBITAL ANGULAR MOMENTUM MODES OF THE TERAHERTZ VORTEX BEAM VIA DIFFRACTIVE ELEMENTS	1591
<i>Changming Liu ; Xuli Wei ; Liting Niu ; Kejia Wang ; Zhengang Yang ; Jinsong Liu</i>	
SPECTRALLY INTENSE TERAHERTZ SOURCE BASED ON TRIANGULAR SELENIUM	1593
<i>M. Shalaby ; C. P. Hauri</i>	
DEPENDENCE OF INTENSE THZ GENERATION ON GAP SIZE FROM ZNSE INTERDIGITATED LARGE APERTURE PHOTOCONDUCTIVE ANTENNAS	1595
<i>X. Ropagnol ; S. M. Raeis-Zadeh ; S. Safavi-Naeini ; M. Bouvier ; C. -Y. Côté ; M. Reid ; M. A. Gauthier ; T. Ozaki</i>	
TUNABLE THZ METAMATERIAL AND PLASMONIC DEVICES BASED ON GRAPHENE	1597
<i>Sara Arezoomandan ; Berardi Sensale-Rodriguez</i>	
REAL-TIME MONITORING OF FIBER FUSE BY USING OPTICAL FREQUENCY-DOMAIN REFLECTOMETRY	1599
<i>Shoulin Jiang ; Lin Ma ; Xinyu Fan ; Bin Wang ; Zuyuan He</i>	
IMPLEMENTATION OF GUIDED-MODE RESONANCE OPTICAL FILTER USING TWO-STEP NANOIMPRINTING PROCESS	1601
<i>Wen-Kai Kuo ; Yi-Quan Luo</i>	
PHOTOCHEMICAL MODIFICATION OF POLYMETHYL METHACRYLATE (PMMA) FOR PRODUCING TOPOGRAPHIC AND REFRACTIVE INDEX CONTRAST FOR DEVICE FABRICATION	1603
<i>Faiz Rahman ; Daniel J Carbaugh ; Jason T Wright ; Parthiban Rajan ; Akanksha Rohit ; Savas Kaya</i>	
LASER INDUCED IN-FIBER CAPILLARY INSTABILITIES FOR PRECISE AND SCALABLE MICROSPHERE FABRICATION	1605
<i>Jing Zhang ; Kaiwei Li ; Ting Zhang ; Lei Wei</i>	
INFLUENCE ON DEFORMED SHAPE OF ELECTROSTATIC DEFORMABLE MIRROR BY THE GEOMETRY OF ELECTRODE	1607
<i>Saekwang Nam ; Sunkat Park ; Sungryul Yun ; Bongje Park ; Seung Koo Park ; Ki-Uk Kyung</i>	
PORE SIZE MANIPULATION OF HYDROPHILIC NANO/MICROPOROUS POLYMER PHOTONIC CRYSTAL	1609
<i>Dengxin Ji ; Haomin Song ; Borui Chen ; Alec Cheney ; Nan Zhang ; Tim Thomay ; Chi Zhou ; Qiaoqiang Gan ; Alexander Cartwright</i>	
Z-SCAN CHARACTERIZATION OF TWO-DIMENSIONAL TRANSITION METAL DICHALCOGENIDE FEW-LAYER SHEETS	1611
<i>S. Bikorimana ; P. Lama ; A. Walser ; R. Dorsinville ; S. Anghel ; A. Mitoglu ; A. Micu ; L. Kulyuk</i>	
THIN AND TRANSFERRABLE GRAPHENE OXIDE GRATING LAYER	1613
<i>Jyun-Fu Shih ; Xiao-Jie Liu ; Chia-Wei Huang ; Li-Wen Tien ; Chun-Hu Chen ; Yung Hung</i>	
ANALYSIS OF ENERGY TRANSFER PROCESSES FOR EXCITING IN CR³⁺ T1 LEVEL OF ND/CR:YAG MATERIALS	1615
<i>Toshihiro Yamada ; Yoshiyuki Honda ; Shinji Motokoshi ; Takahisa Jitsuno ; Kana Fujioka ; Minoru Yoshida ; Junji Kawanaka</i>	
PHOTOVOLTAIC PERFORMANCE ENHANCEMENTS OF MOS-STRUCTURE SI SOLAR CELLS BASED ON ANTIREFLECTION, BIASING, AND PLASMONIC SCATTERING	1617
<i>Ruei-Siang Sue ; Wen-Jeng Ho ; Su-Han Weng ; Jian-Cheng Lin ; Yu-Jie Deng</i>	
ANNEALING EFFECTS ON BISMUTH ACTIVE CENTERS IN BI/ER CO-DOPED FIBER	1619
<i>Shuen Wei ; Yanhua Luo ; Mingjie Ding ; Fangfang Cai ; Qiancheng Zhao ; Gang-Ding Peng</i>	
BEAM PROPAGATION OF GAUSSIAN AND ANNULAR BEAMS AT 2 μM IN THE PRESENCE OF THERMAL LENSING	1621
<i>Alex Sincore ; Justin Cook ; Wenzhe Li ; Eric Johnson ; Joshua Bradford ; Lawrence Shah ; Martin Richardson</i>	
INVESTIGATION OF SEMI-POLAR GAN GROWN ON (0001) C-PLANE NANO-SIZED PATTERNED-SAPPHIRE SUBSTRATES	1623
<i>Vin-Cent Su ; Po-Hsun Chen ; Zheng-Hung Hung ; Yao-Hong You ; Yen-Pu Chen ; Ta-Cheng Hsu ; Yu-Yao Lin ; Ray-Ming Lin ; Chieh-Hsiung Kuan</i>	
QUANTUM YIELD MEASUREMENTS OF KY₃F₁₀: ER³⁺/YB³⁺ NANOCRYSTALS EXCITED BY A 976 NM LASER	1625
<i>Xiaojie Xue ; Tonglei Cheng ; Takenobu Suzuki ; Yasutake Ohishi</i>	
THERMOREFLECTANCE MICROSCOPE AND APPLICATIONS	1627
<i>Ki Soo Chang ; Dong Uk Kim ; Kwan Seob Park ; Chan Bae Jeong ; Geon Hee Kim</i>	

PLASMONIC ENHANCE SCHOTTKY DETECTOR FOR THE MID-IR	1629
<i>Meir Grajower ; Boris Desiatov ; Noa Mazurski ; Jacob. B Khurgin ; Joseph Shappir ; Uriel Levy</i>	
ULTRA-LOW THRESHOLD LASING AT 0.8 μM FROM ORGANIC MICRODISK CAVITY BY THE INK-JET PRINTING METHOD	1631
<i>Hiroaki Yoshioka ; Cong Chen ; Soichiro Ryu ; Jifeng Li ; Masaaki Ozawa ; Yuji Oki</i>	
3D OPTICAL WAVEGUIDES IN GE₂₂AS₂₀SE₅₈ GLASS — A HIGHLY NONLINEAR MATERIAL FOR THE MID-IR	1633
<i>James M. Morris ; Giorgos Demetriou ; Adam Lancaster ; Ajoy K. Kar ; Henry T. Bookey</i>	
THZ GENERATION AND PHOTOSWITCHING OF THE NONLINEAR PROPERTIES IN A BISTABLE PRUSSIAN BLUE ANALOGUE	1635
<i>A. Ould Hamouda ; A. Iazzolino ; H. Tokoro ; S. Ohkoshi ; E. Freysz</i>	
THE NONLINEAR PROPERTIES OF SINGLE-WALLED CARBON NANOTUBE SATURABLE ABSORBER AT E11 AND E22 TRANSITIONS	1637
<i>K. Viskontas ; J. Pilipavicius ; O. Okhotnikov ; N. Rusteika</i>	
SITE-CONTROLLED CRYSTALLINE GROWTH OF INN ON GAN SUBSTRATE AND ITS PHOTOLUMINESCENCE	1639
<i>Chien-Ting Kuo ; Lung-Hsing Hsu ; Yung-Yu Lai ; Hao-Chung Kuo ; Chien-Chung Lin ; Yuh-Jen Cheng</i>	
INTENSE ULTRAVIOLET PHOTOLUMINESCENCE AT 314 NM IN GD³⁺-DOPED SILICA	1641
<i>Jing He ; Yun Wang ; Sebastian Steigenberger ; Alisdair Macpherson ; Norberto Chiodini ; Gilberto Brambilla</i>	
NOVEL IRON-BASED AMORPHOUS TRANSPARENT CONDUCTING OXIDE	1643
<i>A. Malasi ; H. Taz ; A. Farah ; M. Patel ; B. Lawrie ; R. Pooser ; A. Baddorf ; G. Duschler ; R. Kalyanaraman</i>	
BROADBAND SILICON-ON-INSULATOR 2×2 POWER SPLITTERS USING CURVED ASYMMETRIC WAVEGUIDES	1645
<i>Jun Rong Ong ; George F. R. Chen ; Dawn T. H. Tan</i>	
MID-INFRARED OCTAVE-SPANNING FREQUENCY COMB GENERATION IN A SUSPENDED GERMANIUM-MEMBRANE RIDGE WAVEGUIDE	1647
<i>Zhe Kang ; Jinhui Yuan ; Feng Li ; Xianting Zhang ; Xinzhu Sang ; Chongxiu Yu ; P. K. A. Wai</i>	
QUALITY INSPECTION OF SOLAR CELLS BY OPTICAL COHERENCE TOMOGRAPHY	1649
<i>Huiqing Liu ; Ya Su ; X. Steve Yao ; Changjiang Wei ; Zhihong Li</i>	
C-RICH SIC_x MICRO-RING BASED 12-GBIT/S CROSS-WAVELENGTH ALL-OPTICAL DATA INVERTER	1651
<i>Cheng-Hsuan Hsieh ; Yu-Chieh Chi ; Gong-Ru Lin</i>	
COHERENT BEAM COMBINING WITH GRADIENT-INDEX OPTICS	1653
<i>W. Minster Kunkel ; James R. Leger</i>	
MID-IR KERR FREQUENCY COMB GENERATION FROM 4000 TO 10000 NM IN A CMOS-COMPATIBLE GERMANIUM MICROCAVITY	1655
<i>Yuhao Guo ; Jing Wang ; Zhaozhong Han ; Lionel C. Kimerling ; Anuradha M. Agarwal ; Jurgen Michel ; Zheng Zheng ; Guifang Li ; Lin Zhang</i>	
OPTICAL SAMPLING WITH CMOS COMPATIBLE WAVEGUIDES IN C-BAND WAVELENGTHS	1657
<i>M. Jazayerifar ; D. Bross ; K. Jamshidi</i>	
MODIFYING COUPLED MODE THEORY TO MODEL QUASI-DARK STATES IN COUPLED RESONATORS	1659
<i>Mario C. M. Souza ; Guilherme F. M. Rezende ; Luis A. Barea ; Gustavo S. Wiederhecker ; Newton C. Frateschi</i>	
A HYBRID SI/INP SINGLE MODE LASER WITH THE PERIODIC MICRO-STRUCTURE ON INP RIDGE WAVEGUIDE	1661
<i>Hailing Wang ; Yejin Zhang ; Hongwei Qu ; Anjin Liu ; Aiyi Qi ; Wanhua Zheng</i>	
TOWARDS LOW-LOSS MID-INFRARED WAVEGUIDES IN GE-ON-SOI	1663
<i>Usman Younis ; Sudheer K. Vanga ; Andrew A. Bettiol ; Kah-Wee Ang</i>	
HYBRID WAVEGUIDE-INTEGRATED PLASMONIC CRYSTALS ON SILICON-ON-INSULATOR PLATFORM	1665
<i>Guanghui Ren ; Thach Nguyen ; Iryna Khodasevych ; Steffen Schoenhardt ; Kyle J. Berean ; Paul M. Z. Davies ; Joachim M. Hamm ; Ortwin Hess ; Arnan Mitchell</i>	
SILICON PHOTONIC TEMPERATURE SENSOR EMPLOYING NARROWBAND CLADDING-MODULATED BRAGG REFLECTORS	1667
<i>Chong-Jia Wu ; Keng-Hsien Lin ; Ya-Ching Liang ; Chia-Wei Huang ; Yung Hung</i>	
OPTOMECHANICAL OSCILLATORS FABRICATED IN A CMOS-COMPATIBLE FOUNDRY	1669
<i>Rodrigo Benevides ; Gustavo O. Luiz ; Felipe G. S. Santos ; Gustavo S. Wiederhecker ; Thiago P. Mayer Alegre</i>	
TOPOLOGICAL PROTECTION OF QUANTUM STATES IN SILICON	1671
<i>A. Blanco-Redondo ; B. Bell ; M. J. Collins ; M. Rechstman ; M. Segev ; B. J. Eggleton</i>	
SUB-RECOIL LINEWIDTH AND HIGH POWER CW STIMULATED RAMAN SCATTERING IN THE LAMB-DICKE REGIME	1673
<i>M. Alharbi ; A. Husakou ; M. Chafer ; B. Debord ; F. G��rome ; F. Benabid</i>	
GENERATION AND ANALYSIS OF CORRELATED PAIRS OF PHOTONS ON BOARD A NANOSATELLITE	1675
<i>Tang Zhongkan ; Rakhitha Chandrasekara ; Yue Chuan Tan ; Cliff Cheng ; Luo Sha ; Goh Cher Hiang ; Daniel Oi ; Alexander Ling</i>	
LASING ACTION IN GOLD NANOROD HYPERBOLIC METAMATERIALS	1677
<i>Rohith Chandrasekar ; Zhuoxian Wang ; Xiangeng Meng ; Alexei Lagutchev ; Young L. Kim ; Alexander Wei ; Alexandra Boltasheva ; Vladimir M. Shalaev</i>	
MULTISPECTRAL CHIRAL IMAGING WITH A PLANAR LENS	1679
<i>M. Khorasaninejad ; W. T. Chen ; A. Y. Zhu ; J. Oh ; R. C. Devlin ; D. Rousso ; F. Capasso</i>	

CARRIER-ENVELOPE PHASE CONTROL AND SUBCYCLE ANALYSIS OF MID-INFRARED SQUEEZED STATES OF THE LIGHT FIELD	1681
<i>C. Riek ; P. Sulzer ; M. Seeger ; D. V. Seletskiy ; A. Leitenstorfer</i>	
ISOLATED, CIRCULARLY POLARIZED, ATTOSECOND PULSE GENERATION	1683
<i>Pei-Chi Huang ; Chih-Hsuan Lu ; Carlos Hernandez-Garcia ; Ren-Ting Huang ; Po-Shu Wu ; Daniel D. Hickstein ; Daniel Thrasher ; Jennifer L. Ellis ; A. H. Kung ; Shang-Da Yang ; Agnieszka Jaron-Becker ; Andreas Becker ; Henry C. Kapteyn ; Margaret M. Murnane ; Charles G. Durfee ; Ming-Chang Chen</i>	
OBSERVATION OF FEMTOSECOND DYNAMICAL FRANZ-KELDYSH EFFECT IN POLYCRYSTALLINE DIAMOND	1685
<i>M. Lucchini ; S. A. Sato ; J. Herrmann ; A. Ludwig ; M. Volkov ; L. Kasmi ; Y. Shinohara ; K. Yabana ; L. Gallmann ; U. Keller</i>	
GATE TUNABLE THZ PLASMON GENERATION ON GRAPHENE BASED SEMICONDUCTOR CHIP VIA BACKWARD 2ND ORDER NONLINEARITY	1687
<i>B. C. Yao ; Y. Liu ; S. -W. Huang ; C. Choi ; Z. Xie ; H. Liu ; J. Flor Flores ; Y. -P. Lai ; Y. Wu ; Y. Huang ; X. F. Duan ; Y. J. Rao ; C. W. Wong</i>	
HIGHLY MULTIPLEXED NANOPHOTONIC PROBES WITH INDEPENDENTLY CONTROLLABLE EMITTERS FOR OPTOGENETIC BRAIN STIMULATION	1689
<i>Eran Segev ; Laurent C. Moreaux ; Jacob Reimer ; Trevor M. Fowler ; Derrick Chi ; Wesley D. Sacher ; Maisie Lo ; Karl Deisseroth ; Andreas S. Tolias ; Andrei Faraon ; Michael L. Roukes</i>	
OPTOFLUIDIC LASERS IN BLOOD	1691
<i>Yu-Cheng Chen ; Qiushu Chen ; Xudong Fan</i>	
ENHANCED DNA IMAGING USING SUPER-RESOLUTION MICROSCOPY AND SIMULTANEOUS SINGLE-MOLECULE ORIENTATION MEASUREMENTS	1693
<i>Adam S. Backer ; Maurice Y. Lee ; W. E. Moerner</i>	
SILICON-MICRORESONATOR-BASED MID-INFRARED DUAL-COMB SOURCE	1695
<i>Mengjie Yu ; Yoshitomo Okawachi ; Austin G. Griffith ; Michal Lipson ; Alexander L. Gaeta</i>	
INTEGRATED SILICON NITRIDE MICRODISK LASERS BASED ON QUANTUM DOTS	1697
<i>Weiqtang Xie ; Thilo Stöferle ; Gabriele Rainò ; Tangi Aubert ; Yunpeng Zhu ; Rainer F. Mahrt ; Edouard Brainis ; Zeger Hens ; Dries Van Thourhout</i>	
ULTRA-HIGH-Q SILICA-ON-SILICON RIDGE-RING-RESONATOR WITH AN INTEGRATED SILICON NITRIDE WAVEGUIDE	1699
<i>Ki Youl Yang ; Dong Yoon Oh ; Seung Hoon Lee ; Kerry. J. Vahala</i>	
DIRECT OBSERVATION OF LATTICE MOTION DRIVEN BY STRONG THZ PULSES	1701
<i>Michael E. Kozina ; Diling Zhu ; James M. Glowina ; Tim Van Driel ; Stefano Bonetti ; Urs Staub ; Matthias C. Hoffmann</i>	
ROTATIONAL MECHANISM OF LASING IN SINGLY IONIZED NITROGEN MOLECULES UNDER FEMTOSECOND MID-IR PUMPING	1703
<i>Ali Azarm ; Paul Corkum ; Pavel Polynkin</i>	
SINGLE-SOURCE ALGAAS FREQUENCY COMB TRANSMITTER FOR 661 TBIT/S DATA TRANSMISSION IN A 30-CORE FIBER	1705
<i>Hao Hu ; Francesco Da Ros ; Feihong Ye ; Minhao Pu ; Kasper Ingerslev ; Edson Porto Da Silva ; Md. Nooruzzaman ; Yoshimichi Amma ; Yusuke Sasaki ; Takayuki Mizuno ; Yutaka Miyamoto ; Luisa Ottaviano ; Elizaveta Semenova ; Pengyu Guan ; Darko Zibar ; Michael Galili ; Kresten Yvind ; Leif K. Oxenlowe ; Toshio Morioka</i>	
III-V/SI TUNABLE VERNIER-RING FLEXIBLE GRID COMB LASER	1707
<i>Jock Bovington ; Xueze Zheng ; Stevan S. Djordjevic ; Jin-Hyoung Lee ; Ivan Shubin ; Ying Luo ; Shiyun Lin ; Daniel Y. Lee ; Jin Yao ; John E. Cunningham ; Kannan Raj ; Ashok V. Krishnamoorthy</i>	
MULTILAYER SILICON NITRIDE-ON-SILICON INTEGRATED PHOTONIC PLATFORM FOR 3D PHOTONIC CIRCUITS	1709
<i>Wesley D. Sacher ; Zheng Yong ; Jared C. Mikkelsen ; Antoine Bois ; Yisu Yang ; Jason C. C. Mak ; Patrick Dumais ; Dominic Goodwill ; Chaoxuan Ma ; Junho Jeong ; Eric Bernier ; Joyce K. S. Poon</i>	
2.56 TBPS (8 × 8 × 40 GBPS) FULLY-INTEGRATED SILICON PHOTONIC INTERCONNECTION CIRCUIT	1711
<i>Chong Zhang ; Shangjian Zhang ; Jon D. Peters ; John E. Bowers</i>	
100 GHZ FIBER-FED OPTICAL-TO-RADIO CONVERTER	1713
<i>T. Umezawa ; K. Kashima ; K. Akahane ; A. Kanno ; N. Yamamoto ; T. Kawanishi</i>	
ATTOSECOND PRECISION MULTI-KM LASER-MICROWAVE NETWORK	1715
<i>Ming Xin ; Kemal Safak ; Michael Y. Peng ; Aram Kalaydzhyan ; Wenting Wang ; Oliver D. Mücke ; Franz X. Kärtner</i>	
SPIN-ORBIT COUPLED, NON-INTEGGER OAM FIBERS: UNLOCKING A NEW EIGENBASIS FOR TRANSMITTING 24 UNCOUPLED MODES	1717
<i>P. Gregg ; P. Kristensen ; A. Rubano ; S. Golowich ; L. Marrucci ; S. Ramachandran</i>	
7.7 DB/KM LOSSES IN INHIBITED COUPLING HOLLOW-CORE PHOTONIC CRYSTAL FIBERS	1719
<i>B. Debord ; A. Amsanpally ; M. Chafer ; A. Baz ; L. Vincetti ; J. M. Blondy ; F. Gérôme ; F. Benabid</i>	
THICKNESS DEPENDENT THIRD-HARMONIC GENERATION IN FEW-LAYER BLACK PHOSPHORUS	1721
<i>Nathan Youngblood ; Ruoming Peng ; Andrei Nemilentsau ; Tony Low ; Mo Li</i>	
FEW PHOTON — QUBIT SCATTERING IN DISPERSIVE WAVEGUIDES	1723
<i>Sükrü Ekin Kocabas</i>	
QUANTUM FREQUENCY UP-CONVERSION OF HERALDED SINGLE PHOTON ORBITAL ANGULAR MOMENTUM STATES	1725
<i>Zhi-Yuan Zhou ; Yan Li ; Bao-Sen Shi</i>	
DUAL-PARAMETERS MEASUREMENT WITH ENHANCED SENSITIVITY BY INTRODUCING HIGHER-ORDER INTERFERENCE MODES USING TWISTED MULTIMODE FIBER	1727
<i>Yuan Sun ; Ping Lu ; Shun Wang ; Deming Liu</i>	

EXPERIMENTAL OBSERVATION OF MULTIPLE FOUR-WAVE MIXING INDUCED BY OPTICAL SOLITONS IN A TELLURITE MICROSTRUCTURED OPTICAL FIBER.....	1729
<i>Tonglei Cheng ; Lai Liu ; Xiaojie Xue ; Kenshiro Nagasaka ; Takenobu Suzuki ; Yasutake Ohishi</i>	
ORIENTATION-INSENSITIVE FEW-MODE FIBER COUPLERS FOR NON-CIRCULAR-SYMMETRIC SPATIAL MODES.....	1731
<i>Jiaxiong Li ; Jiangbing Du ; Lin Ma ; Ming-Jun Li ; Zuyuan He</i>	
DESIGN AND FABRICATION OF METASURFACE ON CONVENTIONAL OPTICAL FIBER FACET FOR LINEARLY POLARIZED MODE (LP₁₁) GENERATION AT VISIBLE LIGHT WAVELENGTH	1733
<i>Jing Du ; Shi Chen ; Jun Liu ; Shuhui Li ; Long Zhu ; Yifan Zhao ; Jian Wang</i>	
HIGH-POWER 125-μM-OPTICAL-FIBER CLADDING LIGHT STRIPPER.....	1735
<i>S. S. Aleshkina ; T. A. Kochergina ; K. K. Bobkov ; L. V. Kotov ; M. M. Bubnov ; J. Park ; M. E. Likhachev</i>	
A MODE LOCKING THEORY OF THE NYQUIST LASER.....	1737
<i>Masataka Nakazawa ; Toshihiko Hirooka</i>	
ALL FIBER BROADBAND MODE CONVERTER BASED ON SEMICIRCULAR-DISTRIBUTION LONG PERIOD FIBER GRATINGS.....	1739
<i>Yu Zheng ; Yan Li ; Wei Li ; Jian Wu</i>	
ULTRA-HIGH CAPACITY MICROSTRUCTURE SENSOR NETWORK IN A SINGLE FIBER BASED ON HYBRID TDM/WDM/FDM.....	1741
<i>Fan Ai ; Qizhen Sun ; Jianwei Cheng ; Haipeng Luo ; Deming Liu</i>	
PARALLEL GENERATION OF SQUEEZED STATES WITH KERR EFFECT OF AN OPTICAL FIBER	1743
<i>Aruto Hosaka ; Taiki Kawamori ; Fumihiko Kannari</i>	
OPTICAL FREQUENCY DOMAIN REFLECTOMETRY WITH SYNTHESIZED FREQUENCY SWEEPING TECHNIQUE.....	1745
<i>Qingwen Liu ; Dian Chen ; Xinyu Fan ; Zuyuan He</i>	
A MULTI-CORE FIBER TO SINGLE-MODE FIBER SIDE-POLISHED COUPLER.....	1747
<i>H. Zhang ; N. Healy ; H. C. Mulvad ; J. R. Hayes ; M. N. Petrovich ; S. Dasgupta ; D. J. Richardson ; A. C. Peacock</i>	
CHARACTERIZATION OF BRAGG FIBERS BY MIE SCATTERING	1749
<i>Zeba Naqvi ; Mark Green ; Chaofan Wang ; Tsing-Hua Her</i>	
ZERO-DGD MULTICORE OPTICAL FIBERS	1751
<i>Midya Parto ; Mohammad Amin Eftekhari ; Mohammad-Ali Miri ; Rodrigo Amezcua-Correa ; Guifang Li ; Demetrios N. Christodoulides</i>	
THE SUPPRESSION OF CHROMATIC DISPERSION FLUCTUATION IN CHALCOGENIDE HYBRID MICROSTRUCTURED OPTICAL FIBERS AND THEIR PARAMETRIC AMPLIFICATION PERFORMANCE.....	1753
<i>Tong Hoang Tuan ; Nagasaka Kenshiro ; Takenobu Suzuki ; Yasutake Ohishi</i>	
HIGH-BIREFRINGENT MICROSTRUCTURED OPTICAL FIBER BASED SURFACE PLASMON RESONANCE SENSOR.....	1755
<i>Nancy Meng Ying Zhang ; Dora Juan Juan Hu ; Perry Ping Shum ; Zhifang Wu ; Kaiwei Li ; Tianye Huang ; Lei Wei</i>	
BACKWARD-PUMPED 1550 NM EYDF AMPLIFIER WITH ASE SUPPRESSION BY CLADDING FEEDBACK.....	1757
<i>Xiaolei Bai ; Haiwei Zhang ; Quan Sheng ; Shijie Fu ; Zhaoxin Xie ; Wei Shi ; Jianquan Yao</i>	
TUNABLE DUAL-WAVELENGTH FIBER LASER WITH ULTRA-NARROW LINEWIDTH BASED ON RAYLEIGH BACKSCATTERING	1759
<i>Tao Zhu ; Baomei Zhang ; Leilei Shi ; Shihong Huang ; Ming Deng ; Jianguo Liu ; Xiong Li</i>	
A WAVELENGTH-TUNABLE, POLARIZATION-MAINTAINING PICOSECOND FIGURE-NINE FIBER LASER.....	1761
<i>Yasuyuki Ozeki ; Tomoaki Fukazu</i>	
AMPLIFICATION TECHNIQUE BASED ON XPM-INDUCED FOCUSING IN NORMALLY DISPERSIVE OPTICAL FIBERS	1763
<i>J. Nuño ; M. Gilles ; M. Guasoni ; J. Fatome</i>	
M-TYPE FIBER FOR EXPLOITING HIGHER-ORDER-MODES DISPERSION FOR APPLICATION IN MID-IR SUPERCONTINUUM GENERATION	1765
<i>Deepak Jain ; Christos Markos ; Trevor M. Benson ; Angela B. Seddon ; Ole Bang</i>	
NOVEL ALL-FIBER COMB-LIKE FILTERS BASED ON CIRCULAR POLARIZATION INTERFERENCE.....	1767
<i>Yueqing Du ; Xuewen Shu</i>	
DUAL-WAVELENGTH FIBER LASER ABOVE 2 μM BASED ON CASCADED SINGLE MODE-MULTIMODE-SINGLE MODE STRUCTURES.....	1769
<i>Shijie Fu ; Guannan Shi ; Quan Sheng ; Wei Shi ; Jianquan Yao ; Xiushan Zhu ; N. Peyghambarian</i>	
RAMAN FIBER LASER WITH DIRECT DIODE PUMPING AT 915 NM.....	1771
<i>E. A. Zlobina ; S. I. Kablukov ; S. A. Babin</i>	
PULSE COMPRESSION USING STIMULATED BRILLOUIN SCATTERING IN FIBER WITH FREQUENCY-SHIFTED LOOPBACK.....	1773
<i>Masayuki Matsumoto ; Genya Miyashita</i>	
TEMPERATURE DISTRIBUTION OF DOUBLE-CLADDING HIGH-POWER THULIUM-DOPE FIBER AMPLIFIER	1775
<i>Haiwei Zhang ; Wei Shi ; Quan Sheng ; Xiaolei Bai ; Shijie Fu ; Yang Cao ; Jianquan Yao</i>	
PASSIVELY Q-SWITCHED YTTERBIUM-DOPED FIBER LASER BASED ON MECHANICALLY EXFOLIATED BLACK PHOSPHORUS	1777
<i>Sha Li ; Junli Wang ; Jiangfeng Zhu ; Zhiyi Wei</i>	

ALL-FIBER SINGLE-LONGITUDINAL-MODE RING LASER WITH NARROW LINEWIDTH BASED ON DUAL-MODE-COUPLING BETWEEN A MICROSPHERE RESONATOR AND A SINGLE TAPERED FIBER	1779
<i>Xiaobo Song ; Ligang Huang ; Pengfa Chang ; Feng Gao ; Guoquan Zhang ; Jingjun Xu</i>	
A TUNABLE AND SWITCHABLE DUAL-WAVELENGTH SINGLE-LONGITUDINAL-MODE FIBER LASER AT 2μM BASED ON SATURABLE ABSORBER AND SELF-INJECTION LOCKING	1781
<i>Wei Yang ; Ping Lu ; Shibin Jiang ; Shun Wang ; Deming Liu ; Enci Chen</i>	
SEMICONDUCTOR-SUPERCONDUCTOR BELL-STATE ANALYZER	1783
<i>Evyatar Sabag ; Raja Marjeh ; Alex Hayat</i>	
FEMTOSECOND FOUR-WAVE MIXING FROM NEAR-INFRARED TO MID-INFRARED IN A TELLURITE STEP-INDEX FIBER	1785
<i>Lei Zhang ; Tong Hoang Tuan ; Harutaka Kawamura ; Kenshiro Nagasaka ; Takenobu Suzuki ; Yasutake Ohishi</i>	
EXPERIMENTAL DEMONSTRATION OF INTERMODAL FOUR-WAVE MIXING BY FEMTOSECOND PUMP PULSES AT 1550 NM	1787
<i>Jinhui Yuan ; Zhe Kang ; Xianting Zhang ; Xinzhu Sang ; Binbin Yan ; Feng Li ; Kuiru Wang ; Chongxiu Yu ; Hwa Yaw Tam ; P. K. A. Wai</i>	
EXPERIMENT DEMONSTRATION A DIRECTLY EXCITED ORBITAL ANGULAR MOMENTUM AND WAVELENGTH TUNABLE LASER	1789
<i>Nan Zhou ; Jun Liu ; Jian Wang</i>	
MITIGATION OF POWER FADING IN FIBER TRANSMISSION BY A NOVEL MULTI-BAND CAP SIGNAL DESIGN	1791
<i>Qiulin Zhang ; Bofang Zheng ; Chester Shu</i>	
TRACE GAS DETECTION BASED ON MULTI-QUARTZ-ENHANCED PHOTOACOUSTIC SPECTROSCOPY	1793
<i>Yufei Ma ; Ying He ; Xin Yu ; Rui Sun ; Frank K. Tittel</i>	
FULL-RANGE MEASUREMENT AND NONLINEAR SWEEP COMPENSATION IN SS-OCT USING DIGITAL COHERENT RECEIVER	1795
<i>Takuma Shirahata ; Shinji Yamashita</i>	
WIDE-RANGE LIQUID LEVEL FIBER SENSOR BASED ON SELF-IMAGING EFFECT	1797
<i>Yanli Ran ; Li Xia ; Deming Liu</i>	
SINGE NANOPARTICLE DETECTION USING THE DISSIPATIVE INTERACTION WITH A HIGH-Q MICROCAVITY	1799
<i>Bo-Qiang Shen ; Xiao-Chong Yu ; Yanyan Zhi ; Li Wang ; Donghyun Kim ; Qihuang Gong ; Yun-Feng Xiao</i>	
ULTRA-SENSITIVE CO₂ FIBER-OPTIC SENSORS ENHANCED BY METAL-ORGANIC FRAMEWORK FILM	1801
<i>Xinyuan Chong ; Ki-Joong Kim ; Erwen Li ; Yujing Zhang ; Paul R. Ohodnicki ; Chih-Hung Chang ; Alan X. Wang</i>	
HIGH RESOLUTION TEMPERATURE AND STRAIN DISCRIMINATION BY USING P-PHASE-SHIFTED FIBER BRAGG GRATING ON POLARIZATION MAINTAINING FIBER	1803
<i>Jiageng Chen ; Qingwen Liu ; Xinyu Fan ; Zuyuan He</i>	
RF SEMI-CLASSICAL SIMULATOR OF OPTICAL SQUEEZING AND PARAMETRIC OSCILLATION	1805
<i>Yaakov Shaked ; Leon Bello ; Avi Pe'Er</i>	
FREQUENCY MODULATE LASER BASED INTERFEROMETRIC OPTICAL GYROSCOPE	1807
<i>Minh A. Tran ; Sarat Gundavarapu ; Michael Belt ; Tin Komljenovic ; Daniel J. Blumenthal ; John E. Bowers</i>	
GAS MOLECULES RECOGNITION VIA THE RESPONSE TIME OF SILICON NANOPHOTONIC RING RESONATOR	1809
<i>Gong Zhang ; Xueling Feng ; Hong Cai ; Yuandong Gu ; Junfeng Song ; Lip Ket Chin ; Zhenchuan Yang ; Bo Liedberg ; Ai Qun Liu</i>	
REAL-TIME TRACE GAS SENSOR USING A HIGH-POWER, MULTIMODE DIODE LASER AND CAVITY RING-DOWN SPECTROSCOPY	1811
<i>Andreas Karpf ; Yuhao Qiao ; Gottipaty N. Rao</i>	
SIMPLE AND PRECISE MEASUREMENT OF DYNAMIC DISPLACEMENT FOR MORE-THAN-10-MHZ VIBRATION	1813
<i>Yosuke Tanaka ; Takamasa Ito ; Ryosuke Kimura ; Koki Tsuchiya ; Takashi Kurokawa</i>	
PRESSURE SENSOR USING VERTICAL COUPLING OF OPTICAL WAVEGUIDES	1815
<i>Suntak Park ; Jin Tae Kim ; Saekwang Nam ; Bong Je Park ; Sungryul Yun ; Seung Koo Park ; Ki-Uk Kyung</i>	
A NOVEL APPROACH OF LMR/MIP FOR OPTICAL FIBER BASED SALIVARY CORTISOL SENSOR	1817
<i>Banshi D. Gupta ; Sruthi P. Usha ; Anand M. Shrivastav</i>	
OPTICAL SENSORS FROM ELECTROHYDRODYNAMIC JETTED POLYMER FIBER RESONATORS	1819
<i>Fabrice Laye ; Sarah Kraemmer ; Alejandro Castillo ; Felix Friedrich ; Christoph Vannahme ; Cameron L. C. Smith ; Ana C. Mendes ; Ioannis S. Chronakis ; Anders Kristensen ; Joerg Lahann ; Heinz Kalt</i>	
COHERENT STOKES RAMAN SPECTROSCOPY OF PYRIDINE IN GAS-PHASE AT LOW TEMPERATURE	1821
<i>Narangerel Altangerel ; Gombojav O. Ariunbold ; Zhenhuan Yi ; Tuguldur Begzjav ; Esther Ocola ; Jaan Laane ; Marlan O. Scully</i>	
STABILITY OF OPTICAL TRAJECTORIES IN ROTATIONALLY ASYMMETRIC MULTIPASS CELLS	1823
<i>Galen H. Harden ; Luis E. Cortes-Herrera ; Anthony J. Hoffman</i>	
INVESTIGATION OF OPTICAL PHASE NOISE IN LONG, DEPLOYED FIBER LINKS FOR QUANTUM NETWORKS	1825
<i>M. E. Grein ; T. M. Yarnall</i>	
ENTANGLEMENT SWAPPING — WHEN BEING THE SAME IS BETTER THAN BEING DIFFERENT	1827
<i>Brian T. Kirby ; Siddhartha Santra ; Vladimir S. Malinovskiy ; Michael Brodsky</i>	

TAILORING OF INDIVIDUAL PHOTON LIFETIMES AS A DEGREE OF FREEDOM IN RESONANT QUANTUM PHOTONIC SOURCES	1829
<i>Cale M. Gentry ; Gil Triginer Garcés ; Xiaoge Zeng ; Miloš A. Popovic</i>	
EXPERIMENTAL DEMONSTRATION OF A ROBUST SECOND-ORDER CORRELATION FOR TWIN PARAMETRIC BEAMS ABOVE THRESHOLD	1831
<i>Z. D. Xie ; S. F. Li ; Y. X. Gong ; X. J. Lv ; H. B. Lin ; P. Xu ; Z. L. Wang ; G. Zhao ; S. N. Zhu</i>	
OPTIMAL TWO-MODE ATTACK AGAINST TWO-WAY CONTINUOUS-VARIABLE QUANTUM KEY DISTRIBUTION	1833
<i>Yichen Zhang ; Zhengyu Li ; Yijia Zhao ; Song Yu ; Hong Guo</i>	
A SWEEP-FREQUENCY SOURCE FOR BOSE-EINSTEIN CONDENSATE VORTEX EXPERIMENTS	1835
<i>Na Li ; Yu-Ping Wu ; Hao Min ; Xiao Jiang</i>	
QUANTUM LIMIT FOR TWO-DIMENSIONAL RESOLUTION OF TWO INCOHERENT OPTICAL POINT SOURCES	1837
<i>Shan Zheng Ang ; Ranjith Nair ; Mankei Tsang</i>	
POLARIZATION-BASED CONTROL OF SPIN-ORBIT HYBRID MODES OF LIGHT IN BIPHOTON INTERFERENCE	1839
<i>Cody Leary ; Maggie Lankford ; Deepika Sundarraman</i>	
“REMOTE CONTROL” OF COHERENT LIGHT ABSORPTION WITH ENTANGLED PHOTONS	1841
<i>Charles Altuzarra ; Stefano Vezzoli ; Joao Valente ; Cesare Soci ; Daniele Faccio ; Christophe Couteau ; Nikolay I. Zheludev</i>	
STIMULATED FOUR WAVE MIXING AT SINGLE PHOTON LEVEL IN OPTICAL FIBERS	1843
<i>Shuai Dong ; Xin Yao ; Wei Zhang ; Sijing Chen ; Weijun Zhang ; Lixing You ; Zhen Wang ; Yidong Huang</i>	
COUNTER-PROPAGATING SPATIALLY ENTANGLED BELL-STATES GENERATION IN PHOTONIC CRYSTAL WAVEGUIDES	1845
<i>Sina Saravi ; Frank Setzpfandt ; Thomas Pertsch</i>	
CRYOGENIC AMPLIFIERS FOR A SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTOR SYSTEM	1847
<i>Clinton T. Cahall ; Daniel J. Gauthier ; Jungsang Kim</i>	
DUALITY IN ENTANGLEMENT TESTED WITH BELL MEASUREMENTS	1849
<i>Ekaterina Moreva ; Marco Gramagna ; Giorgio Brida ; Ivo Degiovanni ; Sougato Bose ; Dipankar Home ; Marco Genovese</i>	
CORRELATED CLASSICAL STATES OUTPERFORM SQUEEZED STATES IN COMMUNICATION OVER GAUSSIAN CHANNELS	1851
<i>Clemens Schäfermeier ; Ulrik L. Andersen</i>	
A 70-W AVERAGE POWER SUB 100-PS LASER BASED ON A FIBER AND BULK HYBRID MOPA CONFIGURATION	1853
<i>Yujie Peng ; Yuxin Leng ; Junchi Chen ; Hongpeng Su</i>	
FIBER-TYPE RANDOM LASER BASED ON A CYLINDRICAL WAVEGUIDE WITH A DISORDERED CLADDING LAYER	1855
<i>W. L. Zhang ; M. Y. Zheng ; R. Ma ; Z. J. Yang ; G. D. Peng ; Y. J. Rao</i>	
CONSTANT PULSE DURATION ELECTRO-OPTICALLY CAVITY-DUMPED HO:YAG LASER	1857
<i>Ye Zhang ; Bao-Quan Yao ; Tong-Yu Dai ; Xiao-Ming Duan ; Ying-Jie Shen</i>	
INITIAL BEHAVIOR OF THE RELAXATION OSCILLATION AT ZERO-PHONON LINE OF YB GAIN MEDIA	1859
<i>Yoichi Sato ; Takunori Taira</i>	
DIODE LASER PUMPED SOLID STATE LASER USING MAGNETO-OPTICAL Q SWITCH	1861
<i>Taichi Goto ; Ryohei Morimoto ; John W. Pritchard ; Nicolaie Pavel ; Takuya Yoshimoto ; Hiroyuki Takagi ; Yuichi Nakamura ; Lim Pang Boey ; Mani Mina ; Takunori Taira ; Mitsuteru Inoue</i>	
VERSATILE, HIGH-POWER FEMTOSECOND LASER SOURCE AT 1μM	1863
<i>C. P. Kyle Manchee ; Haider Zia ; R. J. Dwayne Miller</i>	
SUB-100 NS TM:KLUW AND HO:KLUW LASERS PASSIVELY Q-SWITCHED WITH SWCNTS	1865
<i>Ruijun Lan ; Xavier Mateos ; Pavel Loiko ; Yicheng Wang ; Sun Young Choi ; Fabian Rotermund ; Magdalena Aguiló ; Francesc Díaz ; Konstantin Yumashev ; Uwe Griebner ; Valentin Petrov</i>	
HIGH-EFFICIENT, HIGH-ENERGY-PULSE GENERATION IN 2.2–2.6 μM BY CR:ZNSE SINGLE-PASS AMPLIFICATION	1867
<i>Masaki Yumoto ; Norihito Saito ; Satoshi Wada</i>	
HIGH-ENERGY, JITTER-FREE, DIODE-PUMPED GREEN-LASER FOR OPCPA PUMPING	1869
<i>Yasuhiro Miyasaka ; Hiromitsu Kiriya ; Maki Kishimoto ; Michiaki Mori ; Masaki Kando ; Kiminori Kondo</i>	
6-PS PULSE GENERATION FROM A HYBRID MOPA SEEDED BY A GAIN-SWITCHED LASER DIODE	1871
<i>Yosuke Qrui ; Daisuke Okuyama ; Hisashi Sawada ; Mieko Yamagaki ; Hironaki Hamabe ; George Okada</i>	
INTEGRATING OPTICAL CAVITIES IN ION TRAPS FOR SCALABLE QUANTUM INFORMATION NETWORKS	1873
<i>Nina Podoliak ; Hiroki Takahashi ; Matthias Keller ; Peter Horak</i>	
A NEW BEAM SHAPING TECHNIQUE IMPLEMENTED IN 150 W 1KHZ REPETITION RATE PICOSECOND PULSE AMPLIFIER	1875
<i>J. Adamonis ; A. Aleknavicius ; S. Balickas ; T. Gertus ; A. Michailovas ; A. Zaukevicius ; K. Michailovas ; V. Petrauskiene</i>	
MULTI-WATT CONTINUOUS WAVE ND:KGW LASER WITH HOT BAND DIODE PUMPING	1877
<i>Rubel Chandra Talukder ; Md. Zubaer Eibna Halim ; Tanant Waritanant ; Arkady Major</i>	
TOWARDS LASING FROM FREE-STANDING PEROVSKITE-CHIRAL POLYMER FILM DEVICES	1879
<i>J. S. E. Jones ; A. Sadhanala ; A. A. Khan ; M. M. Qasim ; S. Day ; T. D. Wilkinson</i>	

BIEXCITON-MEDIATED MODULATION RESPONSE OF COLLOIDAL QUANTUM DOTS DEPOSITED ON A SILICON NITRIDE WAVEGUIDE AT HIGH LASER EXCITATION RATE	1881
<i>M. Kolarczik ; B. Herzog ; C. Ulbrich ; Y. Kaptan ; U. Woggon ; N. Owschimikow ; A. Singh ; X. Li ; Y. Zhu ; D. V. Thourhout ; P. Geiregat ; Z. Hens</i>	
FREE CARRIER INDUCED NONLINEAR SIX-WAVE MIXING IN SILICON	1883
<i>M. L. Liao ; H. Zhou ; S. W. Huang ; K. Qiu ; C. W. Wong</i>	
FLEXIBLE GENERATION OF OPTICAL FREQUENCY COMBS BASED ON STIMULATED BRILLOUIN SCATTERING AND A DUAL PARALLEL MACH-ZEHNDER MODULATOR	1885
<i>Fengdan Xin ; Juanjuan Yan ; Ming Bai Qidi Liu ; Zheng Zheng</i>	
MICROFIBER-LITHIUM NIOBATE ON INSULATOR HYBRID WAVEGUIDES FOR EFFICIENT AND RECONFIGURABLE SECOND-ORDER OPTICAL NONLINEARITY ON A CHIP	1887
<i>Wei Ding ; Andrey Gorbach ; Lutong Cai ; Yang Yu ; Hui Hu</i>	
ANALYSIS OF EFFECT OF INTERACTION BETWEEN TRANSVERSE MODES ON KERR FREQUENCY COMB GENERATION	1889
<i>Takumi Kato ; Tomoya Kobatake ; Ryo Suzuki ; Takasumi Tanabe</i>	
DETAILED PHASE MATCHING CHARACTERIZATION OF INTER-MODAL FOUR-WAVE MIXING IN A TWO-MODE FIBER	1891
<i>S. M. M. Friis ; Y. Jung ; I. Begleris ; P. Horak ; K. Rottwitt ; P. Petropoulos ; D. J. Richardson ; F. Parmigiani</i>	
RESONANT EXCITATION OF SINGLE COLLOIDAL QUANTUM DOT COATED ON A TAPERED OPTICAL FIBER	1893
<i>Haoyu Huang ; Qinfeng Xu ; Bihu Lv ; Yuge Huang ; Chunfeng Zhang ; Xiaoyong Wang ; Min Xiao</i>	
SYNCHRONOUSLY-PUMPED MICRORING RESONATOR FOR EFFICIENT OPTICAL COMB GENERATION	1895
<i>Marcin Malinowski ; Ashutosh Rao ; Peter Delfyett ; Sasan Fathpour</i>	
SINGLE ENVELOPE EQUATION MODELLING OF FREQUENCY COMB GENERATION IN QUADRATIC AND CUBIC NONLINEAR RESONATORS	1897
<i>Tobias Hansson ; François Leo ; Miro Erkintalo ; Stéphane Coen ; Iolanda Ricciardi ; Maurizio De Rosa ; Stefan Wabnitz</i>	
WHITE LIGHT GENERATION IN A DIODE-PUMPED PPKTP WAVEGUIDE	1899
<i>K. A. Fedorova ; G. S. Sokolovskii ; C. M. Kaleva ; P. R. Battle ; I. O. Bakshaev ; D. A. Livshits ; E. U. Rafailov</i>	
PHASE-MATCHING IN DIRAC-CONE-BASED ZERO-INDEX METAMATERIALS	1901
<i>Orad Reshef ; Yang Li ; Mei Yin ; Lysander Christakis ; Daryl I. Vulis ; Philip Camayd-Muñoz ; Shota Kita ; Marko Loncar ; Eric Mazur</i>	
2.1 μM PICOSECOND SOURCE GENERATING 7 W AT 80 MHZ	1903
<i>S. Chaitanya Kumar ; M. Ebrahim-Zadeh</i>	
HIGH-REPETITION-RATE, GREEN-PUMPED, PICOSECOND OPTICAL PARAMETRIC OSCILLATOR BASED ON FAN-OUT PPKTP	1905
<i>S. Chaitanya Kumar ; S. Parsa ; M. Ebrahim-Zadeh</i>	
COMBINING AND TEMPORAL MULTIPLEXING OF FOUR PULSED BEAMS FROM FIBER AMPLIFIERS BY MEANS OF NON-COLLINEAR FREQUENCY CONVERSION IN KTP CRYSTAL	1907
<i>Julijanas Želudevičius ; Kestutis Regelskis ; Gediminas Raciukaitis</i>	
HIGH-AVERAGE-POWER FEMTOSECOND FIBER SELF-SIMILAR AMPLIFICATION	1909
<i>Daping Luo ; Wenxue Li ; Yang Liu ; Dongbi Bai ; Heping Zeng</i>	
MEMORY-ASSISTED QUANTUM KEY DISTRIBUTION IMMUNE TO MULTIPLE-EXCITATION EFFECTS	1911
<i>Nicoló Lo Piparo ; Mohsen Razavi</i>	
ION-EXCHANGE INDUCED COERCIVE FIELD GRATINGS FOR QPM DEVICES IN RB-DOPED KTP	1913
<i>Charlotte Liljestrand ; Fredrik Laurell ; Carlota Canalias</i>	
APPLICATION OF A TEMPERATURE-GRADIENT PPLN CRYSTAL FOR IR IMAGE UP-CONVERSION	1915
<i>H. Maestre ; A. J. Torregrosa ; J. Capmany</i>	
STABLE, CONTINUOUS-WAVE, BIREFRINGENT-MULTICRYSTAL, SINGLE-FREQUENCY DEEP-UV GENERATION	1917
<i>Kavita Devi ; S. Parsa ; M. Ebrahim-Zadeh</i>	
ENGINEERED QUASI-PHASE MATCHING FOR CONVERSION EFFICIENCY OPTIMIZATION OF COUPLED $\chi^{(2)}$ PROCESSES	1919
<i>Cheng-Wei Hsu ; Jui-Yu Lai ; Shang-Da Yang</i>	
WIDELY TUNABLE TIME-DIVISION-MULTIPLEXED PUMPED FIBER OPTICAL PARAMETRIC OSCILLATOR	1921
<i>Nan Chen ; Bowen Li ; Jiqiang Kang ; Xiaoming Wei ; Sisi Tan ; Can Li ; Liang Song ; Kenneth Kin-Yip Wong</i>	
ACTIVE AND PASSIVE STABILIZATION OF A HIGH-POWER VIOLET FREQUENCY-DOUBLED DIODE LASER	1923
<i>Ulrich Eismann ; Martin Enderlein ; Konstantinos Simeonidis ; Felix Keller ; Felix Rohde ; Dmitrijs Opalevs ; Matthias Scholz ; Wilhelm Kaenders ; Jürgen Sühler</i>	
COMPACT FEMTOSECOND TUNABLE WAVELENGTH VIS-NIR OPCPA SYSTEM BASED ON PICOSECOND FIBER LASER SEEDED FRONTEND	1925
<i>R. Danilevicius ; A. Zaukevičius ; A. Michailovas ; N. Rusteika</i>	
ULTRASHORT PULSE CHARACTERIZATION FROM DISPERSION SCANS WITH A GRATING COMPRESSOR	1927
<i>Miguel Miranda ; Francisco Silva ; Anne L'Huillier ; Cord L. Arnold</i>	

DUAL-PROBE SCANNING NEAR-FIELD OPTICAL MICROSCOPY (DSNOM) UTILIZING ULTRAFAST PLASMON NANO-FOCUSING	1929
<i>Yasuhiro Kojima ; Yuta Masaki ; Fumihiko Kannari</i>	
TOWARD ALL-OPTICAL SUB-CYCLE VISIBLE-TO-INFRARED PULSE ENVELOPE MEASUREMENT VIA CROSS-CORRELATION SONOGRAM	1931
<i>Hsuan-Hao Lu ; Shang-Da Yang</i>	
PHASE SENSITIVE AMPLIFICATION IN METASTABLE HELIUM AT ROOM TEMPERATURE	1933
<i>Jasleen Lugani ; Chitram Banerjee ; Marie-Aude Maynard ; Pascal Neveu ; Rupamanjari Ghosh ; Fabienne Bretenaker ; Fabienne Goldfarb</i>	
CARRIER RELAXATION PATHWAYS IN SUBMONOLAYER QUANTUM DOTS	1935
<i>B. Herzog ; M. Kolarczik ; Y. Kaptan ; U. Woggon ; N. Owschimikow ; B. Lingnau ; K. Lüdge</i>	
SUB-150 FS MODE-LOCKED ERBIUM DOPED FIBER LASER BASED ON MONOLAYER GRAPHENE ON A D-SHAPED OPTICAL FIBER	1937
<i>J. D. Zapata ; L. A. M. Saito ; A. M. Cárdenas ; E. A. Thoroh De Souza</i>	
KTA-BASED OPTICAL PARAMETRIC AMPLIFIERS FOR MJ-CLASS MID-IR SOURCE	1939
<i>F. M. Lu ; T. Kanai ; Y. Matsumoto ; N. Ishii ; J. Itatani</i>	
GENERAL OPTOELECTRONIC COMPUTING BASED ON SCALABLE PHOTONIC NEUROMORPHIC SYSTEM	1941
<i>Rui Wang ; Quansheng Ren ; Jianye Zhao</i>	
SYNCHRONOUS-ASYNCHRONOUS LASER MODE-LOCKING TRANSITION: EXPERIMENTAL RESULTS	1943
<i>Dung-Han Yeh ; Yi-Han Su ; Yinchieh Lai</i>	
UNSTABLE MULTI-PULSING CAN BE INVISIBLE TO SOME ULTRASHORT PULSE-MEASUREMENT TECHNIQUES	1945
<i>Michelle Rhodes ; Zhe Guang ; Rick Trebino</i>	
BANDWIDTH-TUNABLE ULTRAFAST MID-INFRARED SOURCE USING A DUAL-CHIRPED OPTICAL PARAMETRIC AMPLIFIER	1947
<i>Scott Wandel ; Ming-Wei Lin ; Yanchun Yin ; Guibao Xu ; Igor Jovanovic</i>	
FEMTOSECOND KERR-LENS MODE-LOCKED ALEXANDRITE LASER	1949
<i>Shirin Ghanbari ; Reza Akbari ; Arkady Major</i>	
EXPERIMENTAL COMPARISON OF MODELS FOR ULTRAFAST IMPACT IONIZATION IN SILICON	1951
<i>Abebe T. Tarekegne ; Krzysztof Iwaszczuk ; Peter U. Jepsen</i>	
20 GS/S PHOTONIC ANALOG-TO-DIGITAL CONVERTER USING OPTICAL COMB BASED ON AN OPTOELECTRONIC OSCILLATOR	1953
<i>Huanfa Peng ; Xiaofeng Peng ; Yongchi Xu ; Cheng Zhang ; Yuanxiang Chen ; Lixin Zhu ; Weiwei Hu ; Zhangyuan Chen</i>	
INTERFEROMETRIC ACTIVATION OF QUANTUM DEPHASING CHANNELS	1955
<i>Jin-Shi Xu ; Man-Hong Yung ; Xiao-Ye Xu ; Jian-Shun Tang ; Chuan-Feng Li ; Guang-Can Guo</i>	
PROBING ULTRAFAST DYNAMICS OF BACTERIOCHLOROPHYLL-A USING PULSE SHAPING BASED 2D ELECTRONIC SPECTROMETER WITH A DEGENERATE OPA	1957
<i>Andrew Niedringhaus ; Veronica R. Policht ; Jennifer P. Ogilvie</i>	
2D NANOMATERIALS SATURABLE ABSORBERS FABRICATION USING THE DROPLET METHOD FOR ERBIUM-DOPED FIBER LASERS	1959
<i>R. M. Gerosa ; D. Steinberg ; R. L. Marcondes ; S. H. Domingues ; L. A. M. Saito</i>	
GENERATION OF SUB-50 FS PULSES WITH >1.5 MW OF PEAK POWER FROM A DIODE-PUMPED YB:CALGO LASER OSCILLATOR	1961
<i>S. Manjooran ; A. Major</i>	
GENERATION AND APPLICATION OF FIVE PHASE-LOCKED HARMONICS IN THE CONTINUOUS WAVE REGIME	1963
<i>C. Ohae ; N. S. Suhaimi ; T. Gavara ; K. Nakagawa ; F. -L. Hong ; K. Minoshima ; M. Katsuragawa</i>	
CORE-PUMPED ALL-NORMAL-DISPERSION YTTERBIUM-DOPED FEMTOSECOND FIBER LASER AROUND 976 NM	1965
<i>Shengjie Yi ; Yue Zhou ; Yitang Dai ; Feifei Yin ; Jian Dai ; Kun Xu</i>	
MODE-LOCKED ER-DOPED FIBER LASER WITH TIS₂ SATURABLE ABSORBER	1967
<i>X. Zhu ; M. Zhang ; J. Du ; J. Chen ; G. Hu ; X. Zhao ; Z. Zheng ; H. Zhang</i>	
SOLITON MOLECULES IN A 2-μM THULIUM-DOPED FIBER LASER	1969
<i>Pan Wang ; Chengying Bao ; Changxi Yang</i>	
VECTOR SOLITONS IN A MODE-LOCKED TM-DOPED FIBER LASER	1971
<i>Pan Wang ; Chengying Bao ; Changxi Yang</i>	
ACOUSTIC WAVE INDUCED MACH-ZEHNDER INTERFEROMETER BASED ON A SANDWICH-STRUCTURED SINGLE MODE FIBER	1973
<i>Pengfa Chang ; Ligang Huang ; Xiaobo Song ; Feng Gao ; Guoquan Zhang ; Jingjun Xu</i>	
DISSIPATIVE SOLITON GENERATION FROM A NORMAL DISPERSION, ALL-FIBER MODE-LOCKED TM-DOPED LASER	1975
<i>Grzegorz Sobon ; Tadeusz Martynkien ; Jarosław Sotor ; Krzysztof M. Abramski</i>	
CHARACTERIZING THE QUANTUM DETECTION PROPERTY OF THE MULTI-PIXEL PHOTON COUNTER	1977
<i>Chengjie Ding ; Xiuliang Chen ; Yan Liu ; Youying Rong ; Zhaoxue Li ; Guang Wu ; E. Wu ; Heping Zeng</i>	
COMPRESSION OF DISSIPATIVE-SOLITON-RESONANCE PULSES IN A MODE-LOCKED FIBER LASER WITH A NONLINEAR OPTICAL LOOP MIRROR	1979
<i>Daojing Li ; Lei Li ; Dingyuan Tang ; Deyuan Shen ; Luming Zhao</i>	

SHIFTED OPTICAL GAUSSIAN FILTERS BASED TIME DIVISION MULTIPLEXING OF USFBGS SENSING NETWORK	1981
<i>Jalal Rohollahnejad ; Li Xia ; Rui Cheng ; Can Yu ; Jiaao Zhou</i>	
MODE COUPLING IN CHALCOGENIDE NEGATIVE CURVATURE FIBERS	1983
<i>Chengli Wei ; Robinson A. Kuis ; Francois Chenard ; Curtis R. Menyuk ; Jonathan Hu</i>	
IMPROVED SENSING PERFORMANCE OF FIBER-OPTIC HYDROGEN SENSORS BASED ON ACTIVELY OPTICAL HEATING	1985
<i>Gaopeng Wang ; Minghong Yang ; Jixiang Dai ; Feng Xiang ; Bo Zhang</i>	
BLUE UP-CONVERSION AND NEAR INFRARED (NIR) EMISSION OF BI/ER CO-DOPED FIBRE (BEDF) UNDER 830 NM PUMPING	1987
<i>Yanhua Luo ; Binbin Yan ; Amirhassan Zareanborji ; Mingjie Ding ; Chang Wang ; Jianxiang Wen ; Xinzhu Sang ; Gang-Ding Peng</i>	
HIGH-REPETITION-RATE DYNAMIC POLARIZATION MODE DISPERSION CHARACTERIZATION BASED ON LINEAR OPTICAL SAMPLING	1989
<i>Shuai Wang ; Xinyu Fan ; Qingwen Liu ; Zuyuan He</i>	
136 FS, 6 NJ THULIUM-BASED ALL-FIBER CPA SYSTEM	1991
<i>Jinzhang Wang ; Shuangchen Ruan ; Richard Howe ; Guohua Hu ; Zhipei Sun ; Tawfique Hasan</i>	
ANISOTROPIC ANTI-RESONANT ELEMENTS GIVES BROADBAND SINGLE-MODE LOW-LOSS HOLLOW-CORE FIBERS	1993
<i>Md. Selim Habib ; Ole Bang ; Morten Bache</i>	
500MW 930NM FEMTOSECOND ND:FIBER LASER FOR TWO-PHOTON MICROSCOPIC IMAGING	1995
<i>Bingying Chen ; Aimin Wang ; Yudi Wang ; Yijun Li ; Zhigang Zhang</i>	
TUNABLE GRAPHENE-BASED MODE CONVERTERS AND OPTICAL DIODES	1997
<i>Vahid Foroughi Nezhad ; Ali Haddadpour ; Georgios Veronis</i>	
SHAPING TWO-PHOTON ABSORPTION IN A DISORDER COUPLING GOLD NANOROD ASSEMBLY	1999
<i>Yi Xu ; Jin-Xiang Li ; Qiao-Feng Dai ; Shao-Long Tie ; Sheng Lan</i>	
COMPARISON OF GERMANIUM AND COPPER SEED LAYERS FOR THE FABRICATION OF SMOOTH SILVER THIN FILMS	2001
<i>Eden Rafealov ; Gideon Gouws ; Jianjun Hao ; Ciaran Moore</i>	
LOCALIZED SURFACE PLASMON FOR ELECTROLUMINESCENCE ENHANCEMENT OF ORGANIC LIGHT SOURCES	2003
<i>S. Khadir ; M. Chakaroun ; A. Fischer ; O. Lamrous ; A. Boudrioua</i>	
FABRICATION AND CHARACTERIZATION OF MOIRÉ METASURFACES	2005
<i>Kai Chen ; Zilong Wu ; Yuebing Zheng ; Tadaaki Nagao</i>	
NOVEL PLASMON LASER DESIGN BASED ON HIGH-QUALITY-FACTOR CUP RESONATOR	2007
<i>Wenqi Zhu ; Ting Xu ; Amit Agrawal ; Henri J. Lezec</i>	
NEAR-FIELD THERMAL NANOLITHOGRAPHY USING SILK PROTEINS	2009
<i>W. Lee ; S. Zhang ; M. Liu ; T. H. Tao</i>	
SPECTROSCOPIC IMAGING OF ELECTRON-INDUCED NANOSCALE STRUCTURE TRANSITIONS IN SILK PROTEINS USING NEAR-FIELD OPTICS	2011
<i>S. Zhang ; W. Lee ; M. Liu ; T. H. Tao</i>	
POLARIZATION MAINTAINING MODE SELECTIVE COUPLER	2013
<i>Rand Ismael ; Marcelo Botelho Alonso ; Gilberto Brambilla</i>	
SHIFTED PLASMONIC NANORODS TO ENHANCE THE DENSITY OF HOT-SPOTS FOR SURFACE-BASED NONLINEAR OPTICS	2015
<i>Antonino Calà Lesina ; Pierre Berini ; Lora Ramunno</i>	
FAST FEMTOSECOND LASER ABLATION FOR EFFICIENT CUTTING OF SINTERED ALUMINA AND QUARTZ SUBSTRATES	2017
<i>Reece N. Oosterbeek ; Thomas Ward ; Carsten Corazza ; Owen Bodley ; Simon Ashforth ; Andrew Rodda ; M. Cather Simpson</i>	
A FRESH LOOK ON THE ORIGIN OF NONLINEAR LIGHT SCATTERING AND PHOTOLUMINESCENCE FROM GOLD NANORODS	2019
<i>Miao-Bin Lien ; Ji-Young Kim ; Myung-Geun Han ; Heather Ferguson ; You-Chia Chang ; Nicholas A. Kotov ; Theodore B. Norris</i>	
SURFACE-PLASMON-ENHANCED RAMAN AND PHOTOLUMINESCENCE OF FEW-LAYERS AND BULK MOS₂ ON SILVER GRATING	2021
<i>Haisheng Zheng ; Mu Li ; Biyan Chen ; Bok Sangho ; Cherian M. Joseph ; Keshab Gangopadhyay ; Shubhra Gangopadhyay</i>	
COHERENT CONTROL OF THE OPTICAL ABSORPTION IN A PLASMONIC LATTICE COUPLED TO A LUMINESCENT LAYER	2023
<i>Mohammad Ramezani ; Giuseppe Pirruccio ; Said Rahimi-Kalaleh Rodriguez ; Jaime Gomez Rivas</i>	
INTEGRATED BIOSENSOR FOR SIMULTANEOUS DETECTION BY SURFACE PLASMON RESONANCE AND FARADAIC ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY	2025
<i>Brandon Hong ; Alexander Sun ; Lin Pang ; A. G. Venkatesh ; Drew Hall ; Yeshaiah Fainman</i>	
ANALOG LOGARITHMIC COMPUTING PRIMITIVES WITH SILICON PHOTONICS	2027
<i>Yunshan Jiang ; Peter T. S. Devore ; Ata Mahjoubfar ; Bahram Jalali</i>	
ALL-OPTICAL WAVELENGTH CONVERTER FOR POL-MUX QPSK SIGNALS BASED ON A SINGLE SILICON WAVEGUIDE	2029
<i>Xianglian Feng ; Zhihang Wu ; Lingchen Huang ; Xiaoyan Wang ; Hongzhi Chen ; Shiming Gao</i>	
ANALYSIS OF BER IN SILICON PHOTONIC SYSTEMS UTILIZING HIGHER-ORDER PSK MODULATION FORMATS	2031
<i>Jie You ; Nicolae C. Panoiu</i>	

NUMERICAL MODELING OF AMPLITUDE-TO-PHASE CONVERSION IN MODIFIED UNI-TRAVELING CARRIER (MUTC) PHOTODETECTOR	2033
<i>Yue Hu ; Curtis R. Menyuk ; Xiaojun Xie ; Meredith Hutchinson ; Vincent J. Urick ; Joe Campbell ; Keith J. Williams</i>	
ADDITIONAL DEGREE OF FREEDOM IN INTERLEAVED JUNCTION SILICON MODULATORS AGAINST EFFICIENCY-ENERGY CONFLICT	2035
<i>Xinbai Li ; Fenghe Yang ; Tiantian Li ; Qingzhong Deng ; Ruobing Chen ; Jurgen Michel ; Zhiping Zhou</i>	
STUDY OF ELECTRICAL NONLINEARITY IN ANALOG SILICON MODULATOR	2037
<i>Sheng Yu ; Tao Chu</i>	
NON-LINEAR BEHAVIOR OF RING-DOWN TIME IN CAVITY RING-DOWN SPECTROSCOPY WITH TAPERED FIBERS	2039
<i>Kavita Sharma ; Deepa Venkitesh ; Shanti Bhattacharya ; Balaji Srinivasan ; Gilberto Brambilla</i>	
NOVEL CONCEPT FOR A BROADBAND CO-PROPAGATIVE STATIONARY FOURIER TRANSFORM SPECTROMETER INTEGRATED ON A Si₃N₄ WAVEGUIDE PLATFORM	2041
<i>Xiaomin Nie ; Eva Ryckeboer ; Gunther Roelkens ; Roel Baets</i>	
HIGH-SPEED OPERATION OF A MID-INFRARED OPTICAL SYSTEM AT ROOM TEMPERATURE	2043
<i>Hossein Lotfi ; Lu Li ; Lin Lei ; Hao Ye ; S. M. Shazzad Rassel ; Yuchao Jiang ; Rui Q. Yang ; Tetsuya D. Mishima ; Michael B. Santos ; James A. Gupta ; Matthew B. Johnson</i>	
ALL-OPTICAL PHASE-PRESERVED FORMAT CONVERSION BETWEEN QPSK AND 2×BPSK BASED ON FWM IN A DOUBLE-PASS SCHEME	2045
<i>Yu-Hsiang Wen ; Jia-Wei Ho ; Kai-Ming Feng</i>	
AN INP-BASED TWO-MODE CONVERTER/(DE)MULTIPLEXER WITH 100% MODE CONVERSION EFFICIENCY BY USING MULTIMODE INTERFERENCE COUPLERS AS THE BUILDING BLOCKS	2047
<i>Zhaosong Li ; Dan Lu ; Lingjuan Zhao ; Song Liang ; Xuliang Zhou ; Jiaoqing Pan</i>	
GRATING-ASSISTED TUNABLE OPTICAL DELAY LINE IN MICRORING RESONATORS	2049
<i>Seyfollah Toroghi ; Saeed Khan ; Sasan Fathpour</i>	
SILICON NITRIDE ON SILICON-ON-INSULATOR: A PLATFORM FOR INTEGRATION ACTIVE CONTROL OVER PASSIVE COMPONENTS	2051
<i>Qiancheng Zhao ; Mohsen Rajaei ; Ozdal Boyraz</i>	
OPTICAL CLOCK PULSE GENERATION USING THERMAL NONLINEARITY IN MICRORING RESONATORS	2053
<i>Nima Davoudzadeh ; Amir Arbabi ; Jinlong Zhu ; Lynford L. Goddard</i>	
SYSTEMATIC STUDY OF SI-BASED Ge_{0.9}Sn_{0.1} LIGHT-EMITTING DIODES TOWARDS MID-INFRARED APPLICATION	2055
<i>Yiyin Zhou ; Wei Du ; Wei Dou ; Thach Pham ; Aboozar Mosleh ; Seyed Amir Ghetmiri ; Sattar Al-Kabi ; Joe Margetis ; John Tolle ; Greg Sun ; Richard Soref ; Baohua Li ; Mansour Mortazavi ; Hameed Naseem ; Shui-Qing Yu</i>	
PERFORMANCE OF 90GHZ ELECTRO-OPTIC MODULATOR WITH PATCH-ANTENNAS IN HIGH-POWER WIRELESS IRRADIATION	2057
<i>Yusuf Nur Wijayanto ; Atsushi Kanno ; Tetsuya Kawanishi ; Hiroshi Murata ; Naokatsu Yamamoto ; Yasuyuki Okamura</i>	
ACOUSTO-OPTIC DELAY MODULATION OF A PHOTONIC SIGNAL	2059
<i>Ross T. Schermer ; V. J. Urick ; Jason D. McKinney</i>	
OPTICAL TAMM STATES IN LIQUID PHOTONIC CRYSTAL AND METASURFACE	2061
<i>Kuo-Ping Chen ; Mong-Yin Lin</i>	
INVESTIGATION ON PHASE-SENSITIVE FIBER NONLINEARITY CANCELLATION IN CONJUGATED-PAIRED RADIO-ON-FIBER SYSTEM	2063
<i>Takahide Sakamoto ; Guo-Wei Lu ; Tetsuya Kawanishi</i>	
SILICON PHOTONIC THERMOMETER OPERATING ON MULTIPLE POLARIZATIONS	2065
<i>Xiaowei Guan ; Xiaoyan Wang ; Lars H. Frandsen</i>	
AN INTEGRATED OPTICAL LINK IN 140 NM SOI TECHNOLOGY	2067
<i>S. Dutta ; R. J. E. Huetting ; V. Agarwal ; A. J. Annema</i>	
RING MODULATOR SMALL-SIGNAL RESPONSE	2069
<i>Samira Karimelahi ; Ali Sheikholeslami</i>	
GAAS PHOTONIC CRYSTAL SWITCH FOR ELECTRO-OPTIC SAMPLING	2071
<i>Gregory Moille ; Alfredo De Rossi ; Gaëlle Lehoucq ; Charlotte Tripon-Canseliet ; Laurence Morgenroth ; François Neuilly ; Didier Decoster ; Gaetano Bellanca ; Sylvain Combrié</i>	
BIT FLOW DENSITY (BFD): AN EFFECTIVE PERFORMANCE FOM FOR OPTICAL ON-CHIP INTERCONNECTS	2073
<i>Shuai Sun ; Abdel-Hameed A. Badawy ; Vikram Narayana ; Tarek El-Ghazawi ; Volker J. Sorger</i>	
DETECTION OF MICRORNA USING A RESONANCE-FREE CAPILLARY OPTOFLUIDIC SENSOR	2075
<i>Lili Liang ; Long Jin ; Bai-Ou Guan</i>	
DIFFERENTIATION OF CUTANEOUS MELANOMA FROM SURROUNDING SKIN USING LASER-INDUCED BREAKDOWN SPECTROSCOPY	2077
<i>Youngmin Moon ; Jung Hyun Han ; Jong Jin Lee ; Sujeong Choi ; Yong-Chul Kim ; Sungho Jeong</i>	
OPTOFLUIDIC TUNABLE LENS USING LASER-INDUCED THERMAL GRADIENT	2079
<i>Qingming Chen ; Xuming Zhang</i>	
LONGITUDINAL MODE STRUCTURE, POLARIZATION, AND TEMPORAL CHARACTERISTICS OF THE FLAVIN MONONUCLEOTIDE BIOLASER AS PROBES OF LOCAL CHEMICAL ENVIRONMENT	2081
<i>José A. Rivera ; J. Gary Eden</i>	
LOW CONTRAST DIELECTRIC METASURFACE OPTICS	2083
<i>Alan Zhan ; Shane Colburn ; Rahul Trivedi ; Taylor K. Fryett ; Chris M. Dodson ; Arka Majumdar</i>	

ULTRAHIGH-RESOLUTION SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY IN 1.7 UM WAVELENGTH REGION	2085
<i>Hiroyuki Kawagoe ; Masahito Yamanaka ; Shuichi Makita ; Yoshiaki Yasuno ; Norihiko Nishizawa</i>	
ULTRA SMALL CROSS-SECTION PHOTONIC PROBES FOR DEEP TISSUE NON-INVASIVE LIGHT DELIVERY	2087
<i>Romy Fain ; Tianyu Wang ; Mengran Wang ; Kriti Charan ; Felipe A. S. Barbosa ; Jaime Cardenas ; Chris Xu ; Michal Lipson</i>	
LIGHT SHEET ILLUMINATION WITH AN INTEGRATED PHOTONIC PROBE	2089
<i>Fan Ye ; Benjamin W. Avants ; Jacob T. Robinson</i>	
OPTICAL BOUND STATES OF 2D HIGH-CONTRAST GRATING FOR REFRACTOMETRIC SENSING	2091
<i>Yifei Wang ; Liang Dong ; Meng Lu</i>	
LARGE EXTINCTION RATIO ELECTROWETTING OPTICAL SHUTTER	2093
<i>Kenneth Underwood ; Ryan D. Montoya ; Soraya Terrab ; Alexander M. Watson ; Victor M. Bright ; Juliet T. Gopinath</i>	
MULTIMODE RECTANGULAR OPTICAL MICROCAVITY FOR BIOMARKER DETECTION BASED ON SILICON ON INSULATOR	2095
<i>M. Mendez-Astudillo ; H. Takahisa ; K. Fujiwara ; H. Okayama ; H. Nakajima</i>	
PLAYING A METAMATERIAL GUITAR WITH LIGHT: OPTICALLY ADDRESSABLE NANOMECHANICAL METAMATERIAL	2097
<i>Jun-Yu Ou ; Eric Plum ; Nikolay I. Zheludev</i>	
ATTRACTION OPTICAL FORCES INSIDE HYPERBOLIC METAMATERIALS	2099
<i>S. V. Sukhov ; A. S. Shalin ; A. A. Bogdanov ; P. A. Belov ; P. Ginzburg</i>	
INVERSE DESIGN OF A POLARIZATION-INDEPENDENT DIRAC-CONE ZERO-INDEX METAMATERIAL	2101
<i>Lysander Christakis ; Zin Lin ; Yang Li ; Eric Mazur ; Alejandro Rodriguez ; Marko Loncar</i>	
METASURFACE PERFECT ABSORBER BASED ON GUIDED RESONANCE OF HYPERCRYSTAL	2103
<i>You-Chia Chang ; Alexander V. Kildishev ; Evgenii E. Narimanov ; Theodore B Norris</i>	
ADAPTIVE SELECTION OF ILLUMINATION BASED ON 3D FOURIER PTYCHOGRAPHY	2105
<i>Linjing Zhu ; Shengqian Chang ; Jing Liu ; Anqiu Chen ; Siqi Liu ; Haiyu Zhang ; Fei Yuan ; Zhenrong Zheng</i>	
LIQUID CRYSTAL FREQUENCY TUNABLE TERAHERTZ METAMATERIAL ABSORBER	2107
<i>Mohammad P. Hokmabadi ; A. Treki ; E. Rivera ; P. Kung ; R. Lindquist ; Seongsin M. Kim</i>	
ARTIFICIAL MAGNETISM VIA NANOANTENNAS UNDER AZIMUTHALLY POLARIZED VECTOR BEAM ILLUMINATION	2109
<i>Caner Guclu ; Mehdi Veyssi ; Mahsa Darvishzadeh-Varcheie ; Filippo Capolino</i>	
FOCUSING OF TERAHERTZ WAVES BY SELF-COMPLEMENTARY META-ATOM TOWARD ELECTROMAGNETICALLY INDUCED TRANSPARENCY	2111
<i>Hyunseung Jung ; Chihun In ; Hyunyoung Choi ; Hojin Lee</i>	
STRONG MAGNETIC RESPONSE AT 595 NM WITH SI-NANOBLOCK METASURFACE	2113
<i>Yoonsik Yi ; Choon-Gi Choi</i>	
LOSSLESS INTEGRATED DIRAC-CONE METAMATERIALS	2115
<i>Philip Camayd-Munoz ; Shota Kita ; Olivia Mello ; Orad Reshef ; Daryl I. Vulis ; Yang Li ; Marko Loncar ; Eric Mazur</i>	
DIFFUSIVE SCATTERING FROM SINGLE MICROSPHERES WITH WELL-DISPERSED DIELECTRIC NANO-SCALE INCLUSIONS	2117
<i>Felix Tan ; Roxana Rezvani Naraghi ; Marielena Burdge ; Aristide Dogariu ; Ayman F. Abouraddy</i>	
ENHANCEMENT OF SECOND-HARMONIC GENERATION FROM METASURFACES BY REDUCED NUMBER OF PARTICLES	2119
<i>Robert Czaplicki ; Antti Kiviniemi ; Joonas Lehtolahti ; Janne Laukkanen ; Markku Kuitinen ; Martti Kauranen</i>	
TUNABLE PHASE REGIMES OF ELECTROMAGNETICALLY-INDUCED-TRANSPARENCY WITH GRAPHENE IN TERAHERTZ METAMATERIALS	2121
<i>Xiaoyan Zhou ; Wenlong Gao ; Lin Zhang ; Shuang Zhang ; Fengzhou Fang ; Wei Pang</i>	
A CODED ILLUMINATION SCHEME FOR SINGLE EXPOSURE (INSTANTANEOUS) MULTISPECTRAL IMAGING	2123
<i>Karolina D. Dorozynska ; Elias Kristensson</i>	
THERMAL RADIATION OF ER DOPED CRYSTALS: STUDYING THE RANGE OF APPLICABILITY OF THE KIRCHHOFF'S LAW	2125
<i>E. K. Tanyi ; B. T. Burton ; E. E. Narimanov ; M. A. Noginov</i>	
CHARACTERIZING NL RESPONSE OF METAL-DIELECTRIC METASURFACES	2127
<i>M. F. Hagag ; V. P. Drachev ; A. V. Kildishev</i>	
OPTICAL FORCES IN NANOROD METAMATERIALS: BEYOND THE EFFECTIVE MEDIUM APPROACH	2129
<i>A. A. Bogdanov ; A. S. Shalin ; P. Ginzburg</i>	
SLOW LIGHT BY HYBRIDIZED DOUBLE SPLIT RING RESONATORS	2131
<i>Mohammad P. Hokmabadi ; E. Philip ; J. H. Kim ; E. Rivera ; P. Kung ; Seongsin M. Kim</i>	
HIGHLY EFFICIENT, ALL-DIELECTRIC, TRANSMISSIVE GRADIENT METASURFACES FROM THE ULTRAVIOLET TO THE INFRARED	2133
<i>Adam Ollanik ; Jake Smith ; Nick Farrar-Foley ; Matthew D. Escarra</i>	
GLOBAL K-SPACE ANALYSIS OF ELECTRON-PHONON INTERACTION IN GRAPHENE	2135
<i>R. Binder ; A. Roberts ; N. H. Kwong ; A. Sandhu ; H. O. Everitt</i>	
ELECTRONIC CONTROL OF EXCITON COHERENCE IN A CHARGED QUANTUM DOT PHOTONIC WAVEGUIDE	2137
<i>Galan Moody ; Corey McDonald ; Ari Feldman ; Todd Harvey ; Richard P. Mirin ; Kevin L. Silverman</i>	
GENERATION OF SHARP ELECTRON BUNCHES FROM A LASER FIELD AND A DC BIAS FIELD	2139
<i>Peng Zhang ; Y. Y. Lau</i>	

ACOUSTIC WAVE GENERATION BY MULTIFILAMENTATION IN WATER	2141
<i>V. Jukna ; A. Jarnac ; C. Milián ; Y. Brelet ; J. Carbonnel ; Y. -B. André ; R. Guillermin ; J. -P. Sessarego ; D. Fattaccioli ; A. Myszyrowicz ; A. Couairon ; A. Houard</i>	
TIME-RESOLVED GAIN SPECTROSCOPY ON TYPE-I AND TYPE-II VECSEL CHIPS	2143
<i>Christian Lammers ; Markus Stein ; Melanie Fey ; Christoph Möller ; Christian Fuchs ; Antje Ruiz Perez ; Christian Berger ; Arash Rahimi-Iman ; Jörg Hader ; Jerome V. Moloney ; Stephan W. Koch ; Wolfgang Stolz ; Martin Koch</i>	
DOUBLE-LAYERED PHOTONIC CRYSTAL SLABS WITH GUIDED-MODE RESONANCE AS A HIGH-SENSITIVITY BIOSENSOR AND APPLICATION FOR SINGLE NANOPARTICLE DETECTION	2145
<i>Jian Zhou ; Lijun Huang ; Zhongyuan Fu ; Fujun Sun ; Huiping Tian</i>	
SUB-PICOSECOND AUGER-MEDIATED HOLE TRAPPING DYNAMICS IN CDSE/CDS CORE/SHELL COLLOIDAL SEMICONDUCTOR NANOPLATELETS	2147
<i>Shuo Dong ; Jie Lian ; Yinthai Chan ; Zhi-Heng Loh</i>	
INTRINSIC SPEED OF A BLACK PHOSPHORUS PHOTOCONDUCTIVE DETECTOR	2149
<i>Ryan J. Suess ; Edward Leong ; Thomas E. Murphy ; Martin Mittendorf</i>	
CARRIER DYNAMICS IN GATED GRAPHENE REVEALED BY TUNABLE-INFRARED-PUMP/TERAHERTZ-PROBE SPECTROSCOPY	2151
<i>H. A. Hafez ; X. Chai ; P. Lévesque ; I. Al-Naib ; M. M. Dignam ; P. Lassonde ; N. Thiré ; F. Légaré ; R. Martel ; T. Ozaki</i>	
INVESTIGATION OF NOVEL CONFIGURATION OF OPTICAL PARAMETRIC OSCILLATION BASED ON OPPOSITELY-ORIENTED CRYSTAL TWINS	2153
<i>Yujie J. Ding ; Pengda Hong ; Zhaojun Liu</i>	
POLARIZATION OF THZ EMISSION FROM GAS PLASMA INDUCED BY TWO-COLOR ARBITRARILY POLARIZED LASER PULSES	2155
<i>V. A. Andreeva ; M. N. Esaulkov ; N. A. Panov ; P. M. Solyankin ; V. A. Makarov ; D. E. Shipilo ; A. P. Shkurinov ; O. G. Kosareva ; S. L. Chin</i>	
COUPLED BRIGHT SOLITONS IN THE NORMAL DISPERSION REGIME IN WHISPERING-GALLERY-MODE RESONATORS	2157
<i>Giuseppe D'Aguanno ; Curtis R. Menyuk</i>	
DEMONSTRATION OF COMPLEXITY IN A NONLINEAR DELAYED FEEDBACK LOOP WITH SILICON MACH-ZEHNDER MODULATOR	2159
<i>Lei Zhang ; Jianfeng Ding ; Lin Yang ; Yi Peng ; Ji Jia ; Huijiang Yang ; Jinghua Xiao</i>	
CHARACTERIZATION OF LIQUID ABSORPTION AND EMISSION SPECTRA USING LINEAR VARIABLE FILTERS INTEGRATED WITH A CMOS CAMERA	2161
<i>Yuhang Wan ; John A. Carlson ; Benjamin A. Kesler ; Wang Peng ; Patrick Su ; Saoud A. Al-Mulla ; John M. Dallesasse ; Brian T. Cunningham</i>	
DISSIPATIVE PARAMETRIC INSTABILITY: A NEW TOOL FOR PATTERN FORMATION ENGINEERING IN NONLINEAR OPTICAL SYSTEMS	2163
<i>A. M. Perego ; N. Tarasov ; D. V. Churkin ; S. K. Turitsyn ; K. Staliunas</i>	
ABNORMAL POLARIZATION IN NITROGEN ION LASER FIELDS INDUCED BY STRONG FIELD IONIZATION FOLLOWED BY SEED AMPLIFICATION	2165
<i>Ziting Li ; Bin Zeng ; Wei Chu ; Hongqiang Xie ; Jinping Yao ; Guihua Li ; Lingling Qiao ; Zhanshan Wang ; Ya Cheng</i>	
NONLINEAR THERMO-OPTICAL OSCILLATIONS IN WHISPERING GALLERY MODE RESONATORS	2167
<i>Souleymane Diallo ; Guoping Lin ; Yanne K. Chembo</i>	
MEASUREMENT OF NONLINEAR OPTICAL RESPONSE FUNCTIONS OF COMMON ORGANIC SOLVENTS	2169
<i>Peng Zhao ; Matthew Reichert ; David J. Hagan ; Eric W. Van Stryland</i>	
A NEW THEORETICAL APPROACH TO CASCADED STIMULATED BRILLOUIN SCATTERING	2171
<i>Mark Dong ; Herbert G. Winful</i>	
SLOW OPTICAL ROGUE WAVES IN A UNIDIRECTIONAL FIBER LASER	2173
<i>S. A. Kolpakov ; Hani J. Khashi ; Sergey Sergeyev</i>	
DIRECTLY OBSERVING PARTICLE MANIPULATIONS ALONG LIGHT TRAJECTORIES WITH AXIAL PLANE OPTICAL MICROSCOPY	2175
<i>Tong Peng ; Sha An ; Xing Zhou ; Guoxia Han ; Zhangxiang Huang ; Meirong Wang ; Baoli Yao ; Peng Zhang</i>	
EFFECT OF LOSS ON SLOW-LIGHT-ENHANCED SECOND HARMONIC GENERATION IN PERIODIC NANOSTRUCTURES	2177
<i>Sina Saravi ; Rafael Quintero-Bermudez ; Frank Setzpfandt ; N. Asger Mortensen ; Thomas Pertsch</i>	
MULTIPHOTON IMAGING USING A HIGH TRANSMISSION BROADBAND HYPOCYCLOID-SHAPE KAGOME HC-PCF	2179
<i>Christopher Martin ; Benoit Debord ; Frédéric Gérôme ; Fetah Benabid ; Adela Ben-Yakar</i>	
COLLAPSE REGULARIZATION OF FILAMENTS BY RESONANT RADIATION	2181
<i>Carsten Brée ; Ihar Babushkin ; Uwe Morgner ; Ayhan Demircan</i>	
ULTRA-BROADBAND ADIABATIC LIGHT TRANSFER IN TITANIUM DIFFUSED LITHIUM NIOBATE WAVEGUIDES	2183
<i>H. P. Chung ; K. H. Huang ; S. L. Yang ; W. K. Chang ; C. W. Wu ; F. Setzpfandt ; T. Pertsch ; D. N. Neshev ; Y. H. Chen</i>	
ENHANCEMENT OF TWO-PHOTON ABSORPTION IN HIGHLY EMISSIVE BODIPY DYES	2185
<i>Leonardo W. Barros ; Juan A. Castañeda ; Thiago A. S. Cardoso ; Dominik K. Kölmel ; Anna Hörner ; Angela Bihlmeier ; Martin Nieger ; Stefan Bräse ; Carlos H. De Brito Cruz ; Lazaro A. Padilha</i>	
QUANTUM INTERFERENCE CONTROL OF TWO- AND THREE-PHOTON PROCESSES	2187
<i>Rodrigo A. Muniz ; Kai Wang ; J. E. Sipe ; S. T. Cundiff</i>	
HIGH-ORDER SIDEBAND GENERATION IN SEMICONDUCTORS: BEYOND THE THREE STEP MODEL	2189
<i>Darren Valocin ; Hunter B. Banks ; Shawn Mack ; Art C. Gossard ; Loren Pfeiffer ; Mark S. Sherwin</i>	

FOUR-WAVE MIXING IN THE RANGE OF 9–11 μM IN ARGON AND AIR PUMPED BY HIGH-POWER CO_2 LASER PULSES	2191
<i>J. J. Pigeon ; S. Ya. Tochitsky ; C. Joshi</i>	
SIMULTANEOUS MULTI-OPTICAL PARAMETRIC OSCILLATIONS AND BROAD UP-CONVERSION ON $\chi^{(2)}$ NONLINEAR PHOTONIC CRYSTALS	2193
<i>H. -J. Lee ; Y. -C. Fang ; C. -M. Lai ; W. -S. Tsai ; N. -E. Yu ; H. Yokoyama ; A. Boudrioua ; A. -H. Kung ; L. -H. Peng</i>	
REDUCED MODELS FOR PULSE SHAPING AND NONLINEAR DYNAMICS IN OPTICAL PARAMETRIC OSCILLATORS	2195
<i>Ryan Hamerly ; Alireza Marandi ; Marc Jankowski ; Martin M. Fejer ; Hideo Mabuchi</i>	
ON BRIDGING THE TERAHERTZ GAP USING FOUR-WAVE MIXING IN PHOTONIC CRYSTAL FIBERS	2197
<i>B. Salski ; P. Kopyt ; A. Pacewicz</i>	
A NOVEL APPROACH FOR ON-CHIP DETECTION OF ANALYTE BY INCORPORATING STRUCTURALLY COMPATIBLE OPTICAL WAVEGUIDES WITH ELECTROWETTING-ON-DIELECTRIC PLATFORM	2199
<i>Luoyang Chen ; Jiangtao Cheng ; Meng Zhang ; Zheng Zheng ; Hongli Jin ; Haitao Liu ; Hongwen Zhou ; Jiansheng Liu</i>	
NONLINEAR STAGE OF MODULATION INSTABILITY IN DISPERSION OSCILLATING FIBERS	2201
<i>M. Conforti ; A. Mussot ; A. Kudlinski ; S. Rota Nodari ; G. Dujardin ; S. De Bièvre ; A. Armaroli ; S. Trillo</i>	
OPTICAL VORTEX BEAM GENERATION IN THE DEEP-ULTRAVIOLET	2203
<i>N. Apurv Chaitanya ; S. Chaitanya Kumar ; G. K. Samanta ; M. Ebrahim-Zadeh</i>	
MEASURING THE NONINSTANTANEOUS NONLINEAR REFRACTIVE INDEX OF ORGANIC SOLVENTS BY NONLINEAR ELLIPSE ROTATION	2205
<i>M. L. Miguez ; T. Gualberto ; E. C. Barbano ; S. C. Zilio ; L. Misoguti</i>	
GUIDED ACOUSTIC WAVE BRILLOUIN SCATTERING IN AIR	2207
<i>W. H. Renninger ; R. O. Behunin ; H. Shin ; P. Kharal ; E. Kittlaus ; P. T. Rakich</i>	
ULTRA-HIGH-Q SILICON NITRIDE MICRO-RESONATORS FOR LOW-POWER FREQUENCY COMB INITIATION	2209
<i>Yi Xuan ; Yang Liu ; Leo T. Varghese ; Andrew J. Metcalf ; Xiaoxiao Xue ; Pei-Hsun Wang ; Kyunghun Han ; Jose A. Jramillo-Villegas ; Sangsik Kim ; Li Fan ; Jian Wang ; Ben Niu ; Min Teng ; Daniel E. Leaird ; Andrew M. Weiner ; Minghao Qi</i>	
FILAMENTATION OF SUB-TW MID-IR PULSES IN AMBIENT AIR	2211
<i>S. Ališauskas ; V. Shumakova ; A. Voronin ; A. V. Mitrofanov ; A. M. Zheltikov ; D. Kartashov ; A. Baltuška ; A. Pugžlys</i>	
DIMENSION CONTROL OF SUPERRADIANCE	2213
<i>Tyler Hill ; Barry C. Sanders ; Hui Deng</i>	
EXCITATION WAVELENGTH DEPENDENT LUMINESCENCE QUANTUM YIELDS OF PLASMONIC NANOSTRUCTURES	2215
<i>Guowei Lu ; Yuqing Cheng ; Hongming Shen ; Yingbo He ; Qihuang Gong</i>	
HIGH PULSE ENERGY, TUNABLE REPETITION RATE SOURCE FOR TWO-PHOTON MICROSCOPY	2217
<i>Kriti Charan ; Dylan Heberle ; Charles P. Lin ; Chris Xu</i>	
POWER COUPLING OPTIMIZATION IN PERIODICAL SEGMENTED WAVEGUIDES BY BIO-INSPIRED ALGORITHMS	2219
<i>A. Dourado-Sisnando ; V. F. Rodriguez-Esquerre ; C. E. Rubio-Mercedes</i>	
EFFECT OF SUBSTRATE IN OPTICAL TRAPPING OF METALLIC NANOPARTICLE ON NANO APERTURES AND ENGRAVINGS	2221
<i>Punnag Padhy ; Paul Hansen ; Jason Ryan ; Mohammad Asif Zaman ; Tiffany W. Huang ; Lambertus Hesselink</i>	
SECOND HARMONIC GENERATIONS IN PLASMONIC 2D PERIODIC ARRAYS OF AU NANORODS	2223
<i>Atsushi Sugita ; Shunsuke Nihashi ; Atsushi Ono ; Yoshimasa Kawata</i>	
OPTICAL PROPERTIES OF GOLD THIN FILMS AT ELEVATED TEMPERATURES	2225
<i>Harsha Reddy ; Urcan Guler ; Alexander V. Kildishev ; Alexandra Boltasheva ; Vladimir M. Shalaev</i>	
PLASMONIC INTERCONNECTS USING ZIRCONIUM NITRIDE	2227
<i>A. Dutta ; N. Kinsey ; S. Saha ; U. Guler ; V. M. Shalaev ; A. Boltasheva</i>	
METASURFACES CREATED BY MOIRÉ NANOSPHERE LITHOGRAPHY	2229
<i>Zilong Wu ; Linhan Lin ; Yuebing Zheng</i>	
ELECTRICAL AND OPTICAL PERFORMANCE OF TEXTURED SILICON SOLAR CELLS IMPROVED BY PLASMONIC SCATTERING AND LUMINESCENT DOWN-SHIFTING EFFECTS	2231
<i>Yu-Jie Deng ; Wen-Jeng Ho ; Sheng-Kai Feng ; Han-Chung Huang ; Ruei-Siang Sue ; Guan-Yi Li ; Hao-Yu Yang</i>	
HOLOGRAPHIC SPHERICAL CONCAVE GRATING ASTIGMATISM CORRECTION BY CYLINDRICAL RECORDING WAVE FOR ROWLAND CIRCLE MOUNTING	2233
<i>Xinwei Chen ; Lijiang Zeng</i>	
IN-PLANE TRAPPING AND MANIPULATION OF ZNO NANOWIRES ON A METALLIC SURFACE	2235
<i>Lichao Zhang ; Xiujie Dou ; Changjun Min ; Yuquan Zhang ; Xiacong Yuan</i>	
BIO-INSPIRED ULTRA DARK NANOPARTICLES FOR LASING AND WATER DESALINATION	2237
<i>Changxu Liu ; Jianfeng Huang ; Han Yu ; Andrea Fratalocchi</i>	
NANO-FOCUSING IN AN AIR-SLOT PLASMONIC WAVEGUIDE WITH A TAPERED GRATING COUPLER	2239
<i>Chuan Zhong ; David McCloskey ; Jing Jing Wang ; Brian D. Jennings ; Nicolás Abadía ; Ertugrul Karademir ; Jian-Yao Zheng ; John F. Donegan</i>	
ENHANCED UV UPCONVERSION EMISSION USING PLASMONIC NANOCAVITIES	2241
<i>A. El Halawany ; S. He ; H. Hodaei ; N. J. J. Johnson ; D. N. Christodoulides ; A. Almutairi ; M. Khajavikhan</i>	
ROSETTE NANO ANTENNAS: LIGHT ENHANCEMENT WITH HIGH SPATIAL UNIFORMITY, MULTIPLE RESONANCES AND POLARIZATION INSENSITIVITY	2243
<i>Ofir Sorias ; Yuval Pazi ; Jacob Scheuer ; Meir Orenstein</i>	

BROWNIAN FLUCTUATIONS OF CARBON NANOTUBE RESONATORS	2245
<i>A. Tavernarakis ; I. Tsioutsios ; J. Osmond ; P. Verlot ; A. Bachtold</i>	
EXCITATION AND PROPAGATION OF SURFACE PLASMON POLARITONS ON NON-STRUCTURED SURFACE WITH GRADIENT PERMITTIVITY	2247
<i>Xi Wang ; Yang Deng ; Qitong Li ; Yijing Huang ; Zilun Gong ; Kyle Tom ; Jie Yao</i>	
MEASUREMENT OF EXCITON CORRELATIONS USING ELECTROSTATIC LATTICES	2249
<i>M. Remeika ; J. R. Leonard ; C. J. Dorow ; M. M. Fogler ; L. V. Butov ; M. Hanson ; A. C. Gossard</i>	
CHARACTERISTIC OF UV PLASMONIC NANOLASERS WITH DIFFERENT SPACER THICKNESS	2251
<i>Yu-Hsun Chou ; Bo-Tsun Chou ; Sheng-Di Lin ; Tzy-Rong Lin ; Chien-Chung Lin ; Tien-Chang Lu</i>	
OPTICAL GRADIENT FORCE BETWEEN COUPLED GRAPHENE SHEETS	2253
<i>Xinbiao Xu ; Lei Shi ; Xinliang Zhang</i>	
BARRIER ENGINEERING OF A PHOTONIC MOLECULE IN A PHOTONIC CRYSTAL WAVEGUIDE	2255
<i>Frederic S. F. Brossard ; Ben P. L. Reid ; Luke Nuttall ; Stephen Lenon ; Ray Murray ; Robert A. Taylor</i>	
10-GB/S OPERATION OF A TELECOM-BAND INASP/INP SUBWAVELENGTH NANOWIRE LASER ON SILICON PHOTONIC CRYSTAL	2257
<i>M. Takiguchi ; A. Yokoo ; K. Nozaki ; M. D. Birowosuto ; G. Zhang ; K. Tateno ; E. Kuramochi ; A. Shinya ; M. Notomi</i>	
ELECTRICAL WAVELENGTH SWITCHING OF THERMAL EMITTERS BASED ON QUANTUM WELLS AND PHOTONIC CRYSTALS	2259
<i>Takuya Inoue ; Anqi Ji ; Menaka De Zoysa ; Takashi Asano ; Susumu Noda</i>	
STRAIGHT AND CURVED PHOTONIC CRYSTAL WAVEGUIDES REALIZED WITH COUPLED L2 NANOCAVITIES	2261
<i>Eiichi Kuramochi ; Devin H. Smith ; Kengo Nozaki ; Akihiko Shinya ; Masaya Notomi</i>	
HETEROGENEOUSLY INTEGRATED PHOTONIC CRYSTAL LASER ON SI	2263
<i>Shinji Matsuo ; Koji Takeda ; Takuro Fujii</i>	
SILICON-ORGANIC HYBRID ELECTRO-OPTIC MODULATOR BASED ON ONE-DIMENSIONAL PHOTONIC CRYSTAL SLOT WAVEGUIDES	2265
<i>Hai Yan ; Xiaochuan Xu ; Chi-Jui Chung ; Harish Subbaraman ; Zeyu Pan ; Swapnajit Chakravarty ; Ray T. Chen</i>	
DOUBLE-CHIRPED BRAGG GRATINGS IN A SILICON NITRIDE WAVEGUIDE	2267
<i>Patrick T. Callahan ; Purnawirman ; Thomas N. Adam ; Gerald Leake ; Douglas Coolbaugh ; Michael R. Watts ; Franz X. Kärtner</i>	
AUTONOMOUS ALL-PHOTONIC PROCESSOR BASED ON RESERVOIR COMPUTING PARADIGM	2269
<i>Quentin Vinckier ; Arno Bouwens ; Marc Haelterman ; Serge Massar</i>	
SECURE AUTHENTICATION USING THE ULTRAFAST RESPONSE OF CHAOTIC SILICON PHOTONIC MICROCAVITIES	2271
<i>Brian C. Grubel ; Bryan T. Bosworth ; Michael Kossey ; A. Brinton Cooper ; Mark A. Foster ; Amy C. Foster</i>	
OPTIMAL RECEIVER FOR COHERENT SIGNALS	2273
<i>Denis Sych ; Gerd Leuchs</i>	
LONG RANGE SECURE KEY DISTRIBUTION OVER MULTIPLE AMPLIFIED FIBER SPANS BASED ON ENVIRONMENTAL INSTABILITIES	2275
<i>Ben Wu ; Yue-Kai Huang ; Shaoliang Zhang ; Bhavin J. Shastri ; Paul R. Prucnal</i>	
IMPACT OF DWDM AT 50GHZ SPACING IN THE 2μM WAVEBAND	2277
<i>N. Kavanagh ; K. Shortiss ; H. Zhang ; M. Sadiq ; K. Thomas ; A. Gocalinska ; Y. Zhao ; E. Pelucchi ; P. O'Brien ; F. H. Peters ; B. Corbett ; F. C. Garcia Gunning</i>	
IMPACT OF FRONT-FBG REFLECTIVITY IN RAMAN FIBER LASER BASED AMPLIFICATION	2279
<i>G. Rizzelli ; Md. A. Iqbal ; P. Rosa ; M. Tan ; L. Krzczanowicz ; I. D. Phillips ; W. Forystak ; J. D. Ania-Castañón ; P. Harper</i>	
TEMPORAL HILBERT TRANSFORM BASED ON AN INTEGRATED FREQUENCY COMB SOURCE	2281
<i>Mehrdad Shoeiby ; Thach G. Nguyen ; Jochen Schröder ; Sai T. Chu ; Brent E. Little ; Roberto Morandotti ; Arnan Mitchell ; David J. Moss</i>	
COMB-BASED PROGRAMMABLE RF PHOTONIC FILTER WITH AN INP ARRAYED WAVEGUIDE GRATING PULSE SHAPER	2283
<i>H. -J. Kim ; A. J. Metcalf ; J. A. Jaramillo-Villegas ; K. A. McKinzie ; D. E. Leaird ; V. Lal ; A. Hosseini ; G. E. Hoefler ; F. Kish ; A. M. Weiner</i>	
ANALOG PERFORMANCE OF MULTIPLE, DISCRETELY TUNABLE TIME DELAYS BASED ON A FREQUENCY COMB AND A CHROMATIC DISPERSION ELEMENT	2285
<i>A. Mohajerin-Ariaei ; A. Almainan ; M. Ziyadi ; Y. Cao ; A. Fallahpour ; C. Bao ; F. Alishahi ; P. Liao ; B. Shamee ; Y. Akasaka ; T. Ikeuchi ; S. Zach ; N. Cohen ; M. Tur ; A. E. Willner</i>	
TAILORING OF OPTICAL FREQUENCY COMB SHAPE BY HARMONIC SIGNAL SUPERPOSITION IN MACH-ZEHNDER MODULATOR	2287
<i>Nobuhide Yokota ; Koichiro Abe ; Shigeru Mieda ; Ryo Igarashi ; Hiroshi Yasaka</i>	
SPURIOUS-FREE DYNAMIC RANGE CHARACTERIZATION OF A X²-BASED PPLN WAVEGUIDE	2289
<i>A. Almainan ; A. Mohajerin-Ariaei ; M. Ziyadi ; Y. Cao ; P. Liao ; C. Bao ; F. Alishahi ; A. Fallahpour ; B. Shamee ; N. Ahmed ; C. Langrock ; M. M. Fejer ; S. Zach ; N. Cohen ; M. Tur ; A. E. Willner</i>	
OPTICAL PHASE-LOCKING AMONG PHASE-CONJUGATED TWIN WAVES AND FREE-RUNNING PUMP BY USING SUM-FREQUENCY AND SECOND HARMONIC GENERATION ASSISTED OPLL FOR ND-PSA REPEATERS	2291
<i>Yasuhiro Okamura ; Kotaro Kondo ; Yuya Ohmichi ; Masafumi Koga ; Atsushi Takada</i>	
RECONFIGURABLE MICROWAVE BANDSTOP FILTER BASED ON STIMULATED BRILLOUIN SCATTERING IN A PHOTONIC CHIP	2293
<i>Iman Aryanfar ; Amol Choudhary ; Shayan Shahnia ; Mattia Pagani ; Yang Liu ; Khu Vu ; Stephen Madden ; Barry Luther-Davies ; Benjamin J. Eggleton ; David Marpaung</i>	

RF FREQUENCY SEXTUPLING UTILIZING A SINGLE MACH-ZEHNDER OPTICAL MODULATOR POSSESSING EXTERNAL-LOAD RF TERMINALS	2295
<i>Akito Chiba ; Yosuke Akamatsu ; Kazumasa Takada</i>	
LASER BASED SPECTROSCOPIC SENSING FOR BIOLOGICAL AND MEDICAL APPLICATIONS	2297
<i>Frans J. M. Harren</i>	
EXPERIMENTAL VERIFICATION OF RAMAN SCATTERING SUPPRESSION VIA GROUND STATE DEPLETION FOR SPATIAL RESOLUTION ENHANCEMENT IN LABEL-FREE MICROSCOPY	2299
<i>Steffen Rieger ; Markus Fishedick ; Klaus-Jochen Boller ; Carsten Fallnich</i>	
EARLY, IN VIVO, DETECTION OF ABIOTIC PLANT STRESS RESPONSES VIA RAMAN SPECTROSCOPY	2301
<i>Narangerel Altangerel ; Gombojav O. Ariunbold ; Connor Gorman ; Dwight Bohlmeier ; Joshua Yuan ; Philip Hemmer ; Marlan O. Scully</i>	
NOVEL MID-INFRARED GAS SENSOR BASED ON MUTUALLY COUPLED QUANTUM CASCADE LASERS	2303
<i>Adonis Bogris ; Andreas Herdt ; Dimitris Syvridis ; Wolfgang Elsässer</i>	
STAND-OFF IDENTIFICATION OF AEROSOLS USING MID-INFRARED BACKSCATTERING FOURIER-TRANSFORM SPECTROSCOPY	2305
<i>Luke Maidment ; Zhaowei Zhang ; Christopher R. Howle ; Derryck T. Reid</i>	
OPTICAL HETERODYNE-ENHANCED CHIRPED LASER DISPERSION SPECTROSCOPY	2307
<i>Genevieve Plant ; Yifeng Chen ; Gerard Wysocki</i>	
FPGA-BASED CHIRPED LASER DISPERSION SPECTROMETER	2309
<i>Yifeng Chen ; Genevieve Plant ; Andreas Hangauer ; Gerard Wysocki</i>	
GENERATION OF BRIGHT SOFT X-RAY HARMONICS WITH CIRCULAR POLARIZATION FOR X-RAY MAGNETIC CIRCULAR DICHROISM	2311
<i>T. Fan ; P. Grychtol ; R. Knut ; C. Hernández-García ; D. D. Hickstein ; D. Zusin ; C. Gentry ; F. J. Dollar ; C. A. Mancuso ; C. Hogle ; O. Kfir ; D. Legut ; K. Carva ; J. L. Ellis ; K. Dorney ; C. Chen ; O. Shpyrko ; E. E. Fullerton ; O. Cohen ; P. M. Oppeneer ; D. B. Milošević ; A. Becker ; A. A. Jaron-Becker ; T. Popmintchev ; H. C. Kapteyn ; M. M. Murnane</i>	
A SETUP FOR EXTREME-ULTRAVIOLET ULTRAFAST ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY AT 50-KHZ REPETITION RATE	2313
<i>J. H. Buss ; H. Wang ; Y. Xu ; J. Maklar ; S. Stoll ; L. Zeng ; S. Ullonska ; J. D. Denlinger ; Y. D. Chuang ; Z. Hussain ; C. Jozwiak ; A. Lanzara ; R. A. Kaindl</i>	
GENERATION OF UV HARMONICS IN SOLIDS WITH INTENSE AND PHASE-LOCKED FEW-CYCLE PULSES AT HIGH REPETITION RATE	2315
<i>Patrick Storz ; Jonathan Fischer ; Jonas Tauch ; Marcel Wunram ; Alfred Leitenstorfer ; Daniele Bida</i>	
HIGH RESOLUTION, WIDE FIELD OF VIEW, PTYCHOGRAPHIC IMAGING OF A BIOLOGICAL SAMPLE USING A HIGH HARMONIC GENERATION SOURCE	2317
<i>P. Ba Ksh ; M. Odstreil ; H. Kim ; S. A. Boden ; R. Card ; J. Chad ; J. G. Frey ; W. S. Brocklesby</i>	
TABLE-TOP MEGAHERTZ XUV SOURCE DRIVEN BY HIGH-POWER MODELOCKED THIN-DISK LASER	2319
<i>Andreas Diebold ; Florian Emaury ; Clara J. Saraceno ; Ursula Keller</i>	
TWO-DIMENSIONAL SPECTROSCOPY IN THE ULTRAVIOLET BY A BIREFRINGENT DELAY LINE	2321
<i>Rocio Borrego-Varillas ; Aurelio Oriana ; Lucia Ganzer ; Cristian Manzoni ; Giulio Cerullo</i>	
COMPACT ULTRASHORT PULSED 2.05 μM ALL-PM FIBER LASER FOR DIELECTRIC LASER ACCELERATION OF NON-RELATIVISTIC ELECTRONS	2323
<i>H. Hoogland ; J. McNeur ; M. Kozák ; P. Hommelhoff ; R. Holzwarth</i>	
DEMONSTRATION OF EFFICIENT SPIN INJECTION IN A CW VECSEL AT RT AND DYNAMIC CONTROL OF ITS POLARIZATION STATE	2325
<i>Alexandre Joly ; Ghaya Baili ; Mehdi Alouini ; Jean-Marie George ; Isabelle Sagnes ; Alexei Sirbu ; Daniel Dolfi</i>	
RECORD SINGLE MODE LASER DIODE PACKING DENSITY USING HIGH UNIFORMITY LITHOGRAPHIC VCSEL ARRAYS WITH NARROW SPECTRAL WIDTH	2327
<i>J. Beadsworth ; Ja. Leshin ; M. Li ; X. Yang ; N. Cox ; Je. Leshin ; L. Eifert ; F. Tucker ; D. Deppe</i>	
COHERENTLY COUPLED VERTICAL CAVITY LASER ARRAYS WITH FREQUENCY DETUNING AND ASYMMETRIC GAIN DISTRIBUTION	2329
<i>Zihe Gao ; Stewart T. M. Fryslië ; Bradley J. Thompson ; P. Scott Carney ; Kent D. Choquette</i>	
LOW CHIRP OPERATION OF TRANSVERSE-COUPLED-CAVITY VCSELS	2331
<i>Shanting Hu ; Xiaodong Gu ; Fumio Koyama</i>	
SLOW LIGHT VCSEL AMPLIFIER FOR HIGH-RESOLUTION BEAM STEERING AND HIGH-POWER OPERATIONS	2333
<i>M. Nakahama ; X. Gu ; A. Matsutani ; T. Sakaguchi ; F. Koyama</i>	
850 NM OXIDE-CONFINED VCSELS WITH 50 GB/S ERROR-FREE TRANSMISSION OPERATING UP TO 85° C	2335
<i>Michael Liu ; Cutis Y. Wang ; Milton Feng ; Nick Holonyak</i>	
BEAM-SHAPING SINGLE-MODE VCSEL WITH A HIGH-CONTRAST GRATING MIRROR	2337
<i>Kun Li ; Yi Rao ; Christopher Chase ; Weijian Yang ; Connie J. Chang-Hasnain</i>	
SINGLE MODE PHOTONIC CRYSTAL VERTICAL CAVITY LASERS FOR IMPROVED MODULATION BANDWIDTH DISTANCE PRODUCT	2339
<i>Stewart T. M. Fryslië ; Nicholas Denardo ; Kent D. Choquette</i>	
BROADBAND FOURIER-TRANSFORM PUMP-PROBE AND STIMULATED RAMAN SCATTERING AT MEGAHERTZ MODULATION FREQUENCIES	2341
<i>Fabrizio Preda ; Julien Réhault ; Francesco Crisafi ; Vikas Kumar ; Giulio Cerullo ; Dario Polli</i>	

STIMULATED RAMAN SCATTERING MICROSCOPY WITHOUT EOM: NONLINEAR ALL-OPTICAL MODULATOR BY PERIOD MULTIPLICATION	2343
<i>Tobias Steinle ; Moritz Floess ; Andy Steinmann ; Giulio Cerullo ; Harald Giessen</i>	
BACKGROUND-FREE COHERENT ANTI-STOKES RAMAN SPECTROSCOPY BY ALL-FIBER-GENERATED DUAL-SOLITON AS STOKES PULSE	2345
<i>Kun Chen ; Tao Wu ; Haoyun Wei ; Yan Li</i>	
ANALYSIS OF LASER INDUCED PLASMA IN AIR USING BROADBAND FEMTOSECOND COHERENT ANTI-STOKES RAMAN SCATTERING	2347
<i>Roland Ackermann ; Ioannis Makos ; Marita Kerstan ; Robert Kammel ; Stefan Nolte ; Andreas Tünnermann</i>	
NONLINEAR PHOTOTHERMAL SPECTROSCOPY WITH MULTIPLE BIFURCATIONS	2349
<i>Atcha Totachawattana ; Mi K. Hong ; Shyamsunder Erramilli ; Michelle Y. Sander</i>	
PICOSECOND ENERGY SCALABLE KHZ OPO/OPA TUNABLE IN 3–3.5 μM MID-IR SPECTRAL RANGE	2351
<i>D. Chuchumishev ; A. Trifonov ; B. Oreshkov ; N. Belashenkov ; I. Buchvarov</i>	
CREATION OF SUB-DIFFRACTION OPTICAL NEEDLE BY NONLINEAR SUPER-OSCILLATORY LENS	2353
<i>Yihong Zhang ; Weihao Zhong ; Dongmei Liu ; Yong Zhang ; Min Xiao</i>	
TENSILE-STRAINED GE/SIGE QUANTUM-WELL MICRODISKS WITH OVERLYING Si_x STRESSORS	2355
<i>Ming-Yen Kao ; Xiaochi Chen ; Yijie Huo ; Colleen Shang ; Muyu Xue ; Kai Zang ; Ching-Ying Lu ; Edward T. Fei ; Yusi Chen ; Theodore I. Kamins ; James S. Harris</i>	
LINEAR AND NONLINEAR OPTICAL PROPERTIES OF GE-SB-SE WAVEGUIDES AT TELECOM WAVELENGTHS	2357
<i>Molly R. Krogstad ; Sungmo Ahn ; Wounjhang Park ; Juliet T. Gopinath</i>	
CMOS-COMPATIBLE DEPOSITION OF TUNABLE CRYSTALLINE SIGE COMPOSITION ON INSULATOR	2359
<i>F. Y. Gardes ; C. Littlejohns ; T. B. Dominguez ; M. Nedeljkovic ; G. Mashanovich ; G. Reed</i>	
OPTICAL STUDY OF $\text{Ge}_{0.95}\text{Sn}_{0.05}/\text{Ge}_{0.9}\text{Sn}_{0.1}/\text{Ge}_{0.95}\text{Sn}_{0.05}$ QUANTUM WELL TOWARDS GROUP-IV BASED LIGHT SOURCE ON SI	2361
<i>Wei Du ; Seyed Ghetmiri ; Sattar Al-Kabi ; Aboozar Mosleh ; Joe Margetis ; John Tolle ; Greg Sun ; Richard A. Soref ; Baohua Li ; Hameed A. Naseem ; Shui-Qing Yu ; Mansour Mortazavi</i>	
PATTERNING OF ION-SLICED LITHIUM NIOBATE FOR HYBRID PHOTONIC INTEGRATION ON SILICON	2363
<i>Li Chen ; Jonathan T. Nagy ; Ronald M. Reano</i>	
MANAGING RADIATION LOSS IN PHOTONIC WAVEGUIDES FOR APPLICATIONS IN PT-SYMMETRIC SYSTEMS	2365
<i>Toni Eichelkraut ; Steffen Weimann ; Alexander Szameit</i>	
OPTOELECTRONICS WITH TWO-DIMENSIONAL ATOMIC CRYSTALS	2367
<i>Thomas Mueller</i>	
MOS₂ MONOLAYERS ON NANOCAVITIES: ENHANCED LIGHT-MATTER INTERACTION WITHIN ATOMIC MONOLAYERS	2369
<i>Corey Janisch ; Haomin Song ; Chanjing Zhou ; Zhong Lin ; Ana Laura Elias ; Dengxin Ji ; Mauricio Terrones ; Qiaoqiang Gan ; Zhiwen Liu</i>	
GATE-TUNABLE, HIGH-RESPONSIVITY, AND ROOM-TEMPERATURE INFRARED PHOTODETECTORS BASED ON A GRAPHENE-BI₂SE₃ HETEROSTRUCTURE	2371
<i>Jaeseok Kim ; Houk Jang ; Nimesh Koirala ; Sangwan Sim ; Jae-Bok Lee ; Un Jeong Kim ; Hyangsook Lee ; Soonyoung Cha ; Chihun In ; Jun Park ; Jekwan Lee ; Matthew Brahelek ; Jisoo Moon ; Maryam Salehi ; Seongshik Oh ; Jong-Hyun Ahn ; Sungwoo Hwang ; Dohun Kim ; Hyunyong Choi</i>	
LASER FABRICATED ULTRATHIN FLAT LENS IN SUB-NANOMETER THICK MONOLAYER TRANSITION METAL DICHALCOGENIDES CRYSTAL	2373
<i>Han Lin ; Zaiquan Xu ; Qiaoliang Bao ; Baohua Jia</i>	
ACHIEVING THE GAUGE POTENTIAL FOR THE PHOTON IN A SYNTHETIC SPACE	2375
<i>Luqi Yuan ; Yu Shi ; Shanhui Fan</i>	
FAST GRAPHENE BASED PLASMONIC TERAHERTZ AMPLITUDE MODULATORS	2377
<i>D. S. Jessop ; S. J. Kindness ; L. Xiao ; P. Braeuninger-Weimer ; H. Lin ; Y. Ren ; J. Griffiths ; C. X. Ren ; S. Hofmann ; J. A. Zeidler ; H. E. Beere ; D. A. Ritchie ; R. Degl'Innocenti</i>	
PHOTONIC AND PLASMONIC GUIDED MODES IN GRAPHENE-SILICON PHOTONIC CRYSTALS	2379
<i>Tingyi Gu ; Andrei Andryieuski ; Yufeng Hao ; Yilei Li ; Chee Wei Wong ; James Hone ; Andrei Lavrinenko ; Tony Low ; Tony F. Heinz</i>	
MDM-TDM PON UTILIZING SELF-COHERENT DETECTION-BASED OLT AND RSOA-BASED ONU FOR HIGH POWER BUDGET	2381
<i>Peng Zhou ; Juhao Li ; Yuanxiang Chen ; Paikun Zhu ; Yongqi He ; Zhangyuan Chen</i>	
EXPERIMENTAL DEMONSTRATION OF ASYNCHRONOUS PON UPSTREAM VIA MULTICARRIER CODE DIVISION MULTIPLE ACCESS	2383
<i>You-Wei Chen ; Yi-Ting Liao ; Kai-Ming Feng</i>	
POLARIZATION-TRACKING-FREE PDM IF-OVER-FIBER MOBILE FRONTHAUL EMPLOYING MULTIBAND DDO-OFDM	2385
<i>Shing-Jiuan Liu ; Jih-Heng Yan ; Chen-Yao Tseng ; Kai-Ming Feng</i>	
TBIT/S OPTICAL INTERCONNECTS BASED ON LOW LINEWIDTH QUANTUM-DASH LASERS AND COHERENT DETECTION	2387
<i>V. Vujcic ; A. Anthur ; V. Panapakkam ; R. Zhou ; Q. Gaimard ; K. Merghem ; F. Lelarge ; A. Ramdane ; L. P. Barry</i>	
GENERATION AND TRANSMISSION OF PAM-PM SIGNAL USING DIRECTLY MODULATOR LASER FOR METRO NETWORKS	2389
<i>Lin Jiang ; Lianshan Yan ; Anlin Yi ; Zhiyu Chen ; Yan Pan ; Wei Pan ; Bin Luo ; Xinyu Zhou ; Xia Feng</i>	

DIGITAL DOMAIN POWER DIVISION MULTIPLEXING DDO-OFDM TRANSMISSION WITH SUCCESSIVE INTERFERENCE CANCELLATION	2391
<i>Zhenhua Feng ; Ming Tang ; Xun Guan ; Calvin Chun-Kit Chan ; Qiong Wu ; Ruoxu Wang ; Rui Lin ; Songnian Fu ; Lei Deng ; Deming Liu</i>	
15 GB/S TRANSMISSION WITH WIDE-FSR CARRIER INJECTION RING MODULATOR FOR TB/S OPTICAL LINKS	2393
<i>M. Ashkan Seyedi ; Rui Wu ; Chin-Hui Chen ; Marco Fiorentino ; Ray G. Beausoleil</i>	
COMPARISON OF 100 GB/S O-BAND PAM-4 VS. C-BAND DMT FOR DIFFERENT LASER LINEWIDTHS AND FIBER LENGTHS	2395
<i>Amin Yekani ; Siamak Amirizadeh ; Leslie A. Rusch</i>	
INTEGRATED OPTICAL FREQUENCY SHIFTER ON A SILICON PLATFORM	2397
<i>T. Spuesens ; Y. Li ; P. Verheyen ; G. Lepage ; S. Balakrishnan ; P. Absil ; R. Baets</i>	
LINEAR GRAPHENE ON SILICON NITRIDE ELECTROABSORPTION MODULATORS FOR RF-OVER-FIBER LINKS	2399
<i>Christopher T. Phare ; Jaime Cardenas ; Yoon Ho Daniel Lee ; Michal Lipson</i>	
EFFICIENT SINGLE SIDEBAND MICROWAVE TO OPTICAL CONVERSION USING A LINBO₃ WGM-RESONATOR	2401
<i>Alfredo Rueda ; Florian Sedmeir ; Michele C. Collodo ; Ulrich Vogl ; Birgit Stiller ; Gerhard Schunk ; Dimitry V. Strekalov ; Christoph Marquardt ; Johannes M. Fink ; Oskar Painter ; Gerd Leuchs ; Harald G. L. Schwefel</i>	
TEMPORAL MAGNIFICATION WITH LARGE OBSERVATION DUTY RATIO USING SYNCHRONIZED OPTICAL BUFFER	2403
<i>Bowen Li ; Shu-Wei Huang ; Zhenda Xie ; Chee Wei Wong ; Kenneth K. Y. Wong</i>	
ON-CHIP RECTANGULAR MICROWAVE PHOTONIC PERIODIC FILTER WITH LARGE BANDWIDTH TUNABILITY	2405
<i>Hengyun Jiang ; Lianshan Yan ; David Marpaung</i>	
MICROWAVE FREQUENCY MIXER IN INTEGRATED PHOTONIC CIRCUITS FOR SIGNAL PROCESSING	2407
<i>Jianguo Huang ; Hong Cai ; Yuandong Gu ; Jiahui Wu ; Tianning Chen ; Junfeng Song ; Dim-Lee Kwong ; Ai Qun Liu</i>	
PHOTONIC CRYSTAL SOI RF FILTER FOR CHANNEL EQUALIZATION	2409
<i>Mathilde Gay ; Laurent Bramerie ; Luiz Anet Neto ; Jean-Claude Simon ; Christophe Peucheret ; Zheng Han ; Xavier Checoury ; Sylvain Combrié ; Jérôme Bourderionnet</i>	
DIRECT RF TO OPTICAL LINK BASED ON FILM BULK ACOUSTIC WAVE RESONATORS (FBAR)	2411
<i>Aleem M. Siddiqui ; Jeremy Moore ; Matthew Tomes ; Paul Stanfield ; Ryan Camacho ; Matt Eichenfield</i>	
SILICON PHOTONIC ON-CHIP TRACE-GAS SPECTROSCOPY OF METHANE	2413
<i>Eric J. Zhang ; Lionel Tombez ; Jason S. Orcutt ; Swetha Kamalapurkar ; Gerard Wysocki ; William M. J. Green</i>	
TRACE-GAS RAMAN SPECTROSCOPY USING FUNCTIONALIZED WAVEGUIDES	2415
<i>T. H. Stievater ; S. A. Holmstrom ; D. A. Kozak ; R. A. McGill ; M. W. Pruessner ; N. Tyndall ; W. S. Rabinovich ; J. B. Khurgin</i>	
ON-CHIP METHANE SENSING WITH CRYPTOPHANE-A CLADDED WAVEGUIDE INTERFEROMETERS	2417
<i>Jana Jägerská ; Firehun T. Dullo ; Martin Ingvaldsen ; Susan M. Lindecrantz ; Magnus Engqvist ; Jorn Hansen ; Olav G. Hellesø</i>	
MICRO-RESONATOR PARAMETER OPTIMIZATION OF A QEPAS SPECTROPHONE USING A CUSTOM QUARTZ TUNING FORK WITH LARGE PRONG SPACING	2419
<i>Lei Dong ; Huadan Zheng ; Hongpeng Wu ; Xukun Yin ; Suotang Jia ; Angelo Sampaolo ; Pietro Patimisco ; Vincenzo Spagnolo ; Frank K. Tittel</i>	
PHOTOTHERMAL MID-INFRARED SPECTROSCOPY USING FANO RESONANCES IN SILICON MICRORING RESONATORS	2421
<i>A. Vasiliev ; A. Malik ; M. Muneeb ; R. Baets ; G. Roelkens</i>	
ULTRA-SENSITIVE DETECTION OF EXPLOSIVE MOLECULES USING MULTI-FUNCTIONAL PLASMONIC-BIOSILICA	2423
<i>Xianming Kong ; Yuting Xi ; Paul Leduff ; Xinyuan Chong ; Fanghui Ren ; Gregory L. Rorrer ; Alan X. Wang</i>	
SPATIALLY MULTIPLEXED BIOPARTICLE DETECTION USING MULTIMODE INTERFERENCE	2425
<i>D. Ozelik ; M. A. Stott ; H. Cai ; A. R. Hawkins ; H. Schmidt</i>	
ANTI-CORROSIVE FILMS ON SILVER PLASMONIC GRATINGS FOR FLUORESCENCE IMAGING OF SINGLE MOLECULES AND CANCER CELLS	2427
<i>Aaron Wood ; Sangho Bok ; Joseph Mathai ; Biyan Chen ; Dhananjay Suresh ; Keshab Gangopadhyay ; Sheila Grant ; Anandhi Upendran ; Raghuraman Kannan ; Shubhra Gangopadhyay</i>	
HIGH POWER YB:YAG WAVEGUIDE AMPLIFICATION OF A FEMTOSECOND SEMICONDUCTOR DISK LASER	2429
<i>Nayara Jornod ; Valentin J. Wittwer ; Thomas Südmeyer ; Christian Kränkel ; Thomas Calmano</i>	
STABILITY OPTIMIZED, 4-MJ AND 1.2-PS PULSES FROM A HO:YLF REGENERATIVE AMPLIFIER	2431
<i>Peter Kroetz ; Gourab Chatterjee ; Axel Ruehl ; Krishna Murari ; Franz X. Kärtner ; Ingmar Hartl ; R. J. Dwayne Miller</i>	
HYBRID FIBER AMPLIFICATION SYSTEM MASTERED BY NON-AQUEOUS TAPE CASTING FABRICATED YB-DOPED CERAMIC LASERS	2433
<i>Dongbi Bai ; Wenxue Li ; Chao Wang ; Yang Liu ; Jiang Li ; Lin Ge ; Yubai Pan ; Heping Zeng</i>	
CHIRPED-PULSE AMPLIFIER SYSTEM BASED ON THULIUM-DOPED ZBLAN FIBERS	2435
<i>Yutaka Nomura ; Takao Fuji</i>	
SUB-PS PULSES WITH MULTI-MJ ENERGY AT KHZ REPETITION RATE FROM AN YB:YAG THIN-DISK AMPLIFIER	2437
<i>Jonathan Fischer ; Patrick Storz ; Alexander-Cornelius Heinrich ; Simon Maier ; Julian Jungwirth ; Daniele Brida ; Alfred Leitenstorfer</i>	

HIGH POWER FEMTOSECOND YB:LU₂O₃ AMPLIFIER AND SUB-100 FS YB:LU₂O₃ OSCILLATOR	2439
<i>Etienne Caracciolo ; Samuele D. Di Dio Cafiso ; Federico Pirzio ; Matthias Kemnitzer ; Martin Gorjan ; Annalisa Guandalini ; Florian Kienle ; Antonio Agnesi ; Juerg Aus Der Au</i>	
ANALYSIS OF SPATIOTEMPORAL COUPLINGS IN NONCOLLINEAR OPTICAL PARAMETRIC CHIRPED-PULSE AMPLIFIERS	2441
<i>Achut Giree ; Federico J. Furch ; Ark Mero ; Gunnar Arisholm ; Marc J. J. Vrakking</i>	
ROOM TEMPERATURE OPERATION OF SEMICONDUCTOR NANO-RING LASERS FABRICATED THROUGH A GENERAL APPLICABLE MEMBRANE RELEASE AND TRANSFER METHOD	2443
<i>Fan Fan ; Yueyang Yu ; S. E. Hashemi Amiri ; C. Z. Ning ; David Quandt ; Dieter Bimberg</i>	
PRINTED PLASMONIC GAAS NANOLASERS.....	2445
<i>Lucas Lafone ; Ngoc Nguyen ; Michael P. Nielsen ; Edmund Clarke ; Paul Fry ; Stefan A. Maier ; Rupert F. Oulton</i>	
GAINASP/INP MEMBRANE LASERS	2447
<i>Shigehisa Arai ; Nobuhiko Nishiyama ; Tomohiro Amemiya ; Takuo Hiratani ; Daisuke Inoue</i>	
ALL PHOTONIC CRYSTAL ELECTRICALLY PUMPED CW MID-IR LASERS	2449
<i>B. Adelin ; A. Monmayrant ; P. Dubreuil ; A. Lecestre ; Y. Rouillard ; G. Boissier ; M. Bahriz ; A. Vicet ; O. Gauthier-Lafaye</i>	
ROOM-TEMPERATURE INGAAS/INP QUANTUM-WELL-IN-NANOPILLAR LASER DIRECTLY GROWN ON SILICON	2451
<i>Indrasen Bhattacharya ; Fanglu Lu ; Gilliard N Malheiros-Silveira ; Saniya Deshpande ; Kar Wei Ng ; Connie Chang-Hasnain</i>	
QUANTUM COHERENCE IN SEMICONDUCTOR MICROLASERS	2453
<i>Djeylan Aktas ; Tao Wang ; Olivier Alibart ; Gian Luca Lippi ; Eric Picholle ; Sébastien Tanzilli</i>	
INJECTION LOCKING OF HIGH-B QUANTUM DOT MICROLASERS	2455
<i>Steffen Holzinger ; Elisabeth Schlottmann ; Benjamin Lingnau ; Kathy Lüdge ; Christian Schneider ; Martin Kamp ; Sven Höfling ; Janik Wolters ; Stephan Reitzenstein</i>	
1-GHZ OFFSET-FREE FREQUENCY COMB IN THE MID-INFRARED	2457
<i>A. S. Mayer ; C. R. Phillips ; C. Langrock ; A. Klenner ; A. R. Johnson ; K. Luke ; Y. Okawachi ; M. Lipson ; A. L. Gaeta ; M. M. Fejer ; U. Keller</i>	
OPTICAL PARAMETRIC AMPLIFICATION IN ULTRA — SILICON RICH NITRIDE WAVEGUIDES.....	2459
<i>K. J. A. Ooi ; D. K. T. Ng ; T. Wang ; A. K. L. Chee ; S. K. Ng ; L. K. Ang ; Q. Wang ; D. T. H. Tan</i>	
1THZ SPAN OPTICAL FREQUENCY COMB USING VCSELS AND OFF THE SHELF EXPANSION TECHNIQUES	2461
<i>E. Prior ; C. De Dios ; R. Criado ; M. Ortsiefer ; P. Meissner ; P. Acedo</i>	
ON-CHIP UV DISPERSIVE WAVE GENERATION.....	2463
<i>D. Y. Oh ; K. Y. Yang ; K. J. Vahala</i>	
PLANAR METAL-GAN SPIRAL NANOWIRE CAVITIES FOR HIGH CIRCULAR DICHROISM LASING ACTION	2465
<i>Yu-Hao Hsiao ; Tsung Sheng Kao ; Shu-Wei Liao ; Wei-Chun Liao ; Kuo-Ju Chen ; Min-Hsiung Shih ; Hao-Chung Kuo</i>	
LARGE AMPLIFICATION IN SILICON VIA STIMULATED BRILLOUIN SCATTERING	2467
<i>Eric Kittlaus ; Heedeuk Shin ; Peter T. Rakich</i>	
SILICON CARBIDE MICRODISK ON SILICON PILLAR PROBED BY EVANESCENT COUPLING	2469
<i>David Allieux ; Ali Belarouci ; Darren Hudson ; Neetesh Singh ; Eric Magi ; Guillaume Beaudin ; Adrien Michon ; Régis Orobitchouk ; Christian Grillet</i>	
INTEGRATED THERMAL TUNING OF SUSPENDED MICRO-RESONATORS	2471
<i>Brian S. Lee ; Mian Zhang ; Felipe A. S. Barbosa ; Steven A. Miller ; Aseema Mohanty ; Michal Lipson</i>	
HUT-LIKE PILLAR SI SOLAR CELLS	2473
<i>Arti Agrawal ; Francisco J. Cabrera-España ; Andrew Oates ; Hari Reehal</i>	
VERTICALLY-COUPLED MICRO-RING RESONATOR IN HYDROGENATED AMORPHOUS SILICON	2475
<i>Duk-Yong Choi ; Xin Gai ; Barry Luther-Davies ; Jun Cheng</i>	
ENGINEERING OF A SECOND-ORDER NONLINEARITY IN SILICON-DIELECTRIC MULTILAYERS	2477
<i>Hung-Hsi Lin ; Mu-Han Yang ; Rajat Sharma ; Matthew W. Puckett ; Sergio Montoya ; Christian D. Wurm ; Felipe Vallini ; Eric E. Fullerton ; Yeshiahu Fainman</i>	
SI/III-V CMOS PHOTONICS FOR LOW-POWER ELECTRONIC-PHOTONIC INTEGRATED CIRCUITS ON SI PLATFORM	2479
<i>Mitsuru Takenaka ; Shinichi Takagi</i>	
TITANIUM DIOXIDE ENABLES VISIBLE INTEGRATED-EVANESCENT RAMAN SENSORS	2481
<i>Christopher C. Evans ; Chengyu Liu ; Jin Suntivich</i>	
BROADBAND AND EFFICIENT DUAL-PUMP FOUR-WAVE-MIXING IN ALGAAS-ON-INSULATOR NANO-WAVEGUIDES	2483
<i>Francesco Da Ros ; Minhao Pu ; Luisa Ottaviano ; Hao Hu ; Elizaveta Semenova ; Michael Galili ; Kresten Yvind ; Leif K. Oxenlowe</i>	
ASYMMETRIC DUAL-GRATING MICRO-SLIT CONFIGURATION FOR BROADBAND SOLID STATE COHERENT DETECTION OF THZ PULSES.....	2485
<i>Anna Mazhorova ; Matteo Clerici ; Marco Peccianti ; Sze-Phing Ho ; Luca Razzari ; Yoann Jestin ; Alessia Pasquazi ; Alessandro Tomasino ; Andrey Markov ; Riccardo Piccoli ; Alessandro Busacca ; Jalil Ali ; Roberto Morandotti</i>	
CONTINUOUS WAVE PARAMETRIC CONVERSION USING GAINP PHOTONIC CRYSTAL WAVEGUIDE ON OXIDE	2487
<i>A. Martin ; D. Sanchez ; S. Combré ; A. De Rossi ; F. Raineri</i>	
DIRECT RF-TO-OPTICAL DETECTION BY PLASMONIC MODULATOR INTEGRATED INTO A FOUR-LEAF-CLOVER ANTENNA	2489
<i>Y. Salamin ; W. Heni ; Y. Fedoryshyn ; C. Haffner ; C. Hoessbacher ; P. V. Johnston ; D. L. Elder ; R. Bonjour ; M. Zahner ; R. Cottier ; A. F. Tillack ; L. R. Dalton ; C. Hafner ; J. Leuthold</i>	

DESIGN AND CHARACTERIZATION OF HIGH EFFICIENCY NANO-ANTENNA COUPLERS	2491
<i>Qian Gao ; Fanghui Ren ; Alan X. Wang</i>	
RAMAN-LIKE STIMULATED BRILLOUIN SCATTERING IN SIN WAVEGUIDES	2493
<i>Razi Dehghanasiri ; Ali A. Eftekhar ; Ali Adibi</i>	
ARRAYED WAVEGUIDE GRATING NEAR 760 NM WAVELENGTH FOR INTEGRATED SPECTRAL BEAM COMBINING APPLICATIONS	2495
<i>Eric J. Stanton ; Alexander Spott ; Michael L. Davenport ; Nicolas Volet ; John E. Bowers</i>	
COMPUTER-GENERATED OPTICAL MODE-MANAGED FUNNEL COUPLER FOR REDUCING INTRINSIC COUPLING LOSS	2497
<i>Junji Sakamoto ; Kei Watanabe ; Mikitaka Itoh ; Toshikazu Hashimoto</i>	
ON-CHIP SPECTROMETER BASED ON AN EVANESCENTLY COUPLED MULTIMODE SPIRAL WAVEGUIDE	2499
<i>Seng Fatt Liew ; Brandon Redding ; Raktim Sarma ; Yaron Bromberg ; Hui Cao</i>	
INVERSE DESIGN OF A WAVELENGTH DEMULTIPLEXER	2501
<i>Alexander Y. Piggott ; Jesse Lu ; Konstantinos G. Lagoudakis ; Jan Petykiewicz ; Thomas M. Babinec ; Jelena Vuckovic</i>	
HIGH EFFICIENT, COMPACT AND BROADBAND 2x2 POLARIZATION BEAM SPLITTER ON SILICON NITRIDE	2503
<i>Shitao Gao ; Yang Wang ; Ke Wang ; Efstratios Skafidas</i>	
FLUORESCENCE IMAGING OF WAVEGUIDE MODE BEATING AND PROPAGATION IN TAPERED AND BEND REGIONS	2505
<i>Brian D. Jennings ; Nicolás Abadia ; Chuan Zhong ; Ertugrul Karademir ; David McCloskey ; John F. Donegan</i>	
AN INTEGRATED MODE (DE)MULTIPLEXER BASED ON ADIABATIC COUPLERS	2507
<i>Chunlei Sun ; Yu Yu ; Mengyuan Ye ; Lei Shi ; Xinliang Zhang</i>	
LOW INSERTION LOSS HYBRID PLASMONIC TE-PASS POLARIZER	2509
<i>X. Sun ; M. Mojahedi ; J. S. Aitchison</i>	
HETEROGENEOUS III-V / SI PHOTONIC INTEGRATION	2511
<i>John E. Bowers</i>	
FULLY CMOS-COMPATIBLE INTEGRATED DISTRIBUTED FEEDBACK LASER WITH 250° C FABRICATED AL₂O₃:ER³⁺ GAIN MEDIUM	2513
<i>Emir Salih Magden ; Purnawirman ; Nanxi Li ; Gurpreet Singh ; Jonathan D. B. Bradley ; Gale S. Petrich ; Gerald Leake ; Douglas D. Coolbaugh ; Michael R. Watts ; Leslie A. Kolodziejski</i>	
ROOM TEMPERATURE CW 1.3 μM SINGLE MODE LASING OF INAS QUANTUM DOT MICRO-DISK LASERS GROWN ON (001) SI	2515
<i>Yating Wan ; Qiang Li ; Alan Y. Liu ; Arthur C. Gossard ; John E. Bowers ; Evelyn L. Hu ; Kei May Lau</i>	
LENSES FOR LOW-LOSS CHIP-TO-FIBER AND FIBER-TO-FIBER COUPLING FABRICATED BY 3D DIRECT-WRITE LITHOGRAPHY	2517
<i>P. -I. Dietrich ; I. Reuter ; M. Blaicher ; S. Schneider ; M. Billah ; T. Hoose ; A. Hofmann ; C. Caer ; R. Dangel ; B. Offrein ; M. Möhrle ; U. Troppenz ; M. Zander ; W. Freude ; C. Koos</i>	
C-BAND SWEPT WAVELENGTH ERBIUM-DOPED FIBER LASER WITH A HIGH-Q TUNABLE INTERIOR-RIDGE SILICON MICRORING CAVITY	2519
<i>Nanxi Li ; Erman Timurdogan ; Christopher V. Poulton ; Matthew Byrd ; Emir Salih Magden ; Zhan Su ; Purnawirman ; Gerald Leake ; Douglas D. Coolbaugh ; Diedrik Vermeulen ; Michael R. Watts</i>	
MICROCAVITY-STABILIZED QUANTUM CASCADE LASER	2521
<i>Simone Borri ; Mario Siciliani De Cumis ; Giacomo Insero ; Saverio Bartalini ; Pablo Cancio Pastor ; Davide Mazzotti ; Iacopo Galli ; Giovanni Giusfredi ; Gabriele Santambrogio ; Davide D'Ambrosio ; Anatoliy Savchenkov ; Danny Eliyahu ; Vladimir Ilchenko ; Naota Akikusa ; Andrey Matsko ; Lute Maleki ; Paolo De Natale</i>	
REAL-TIME ABSOLUTE FREQUENCY MEASUREMENT OF CONTINUOUS-WAVE TERAHERTZ RADIATION USING A FREE-RUNNING, DUAL-WAVELENGTH, DUAL-COMB MODE-LOCKED FIBER LASER	2523
<i>Guoqing Hu ; Tatsuya Mizuguchi ; Xin Zhao ; Takeo Minamikawa ; Yuli Yang ; Cui Li ; Zheng Zheng ; Takeshi Yasui</i>	
FREQUENCY REFERENCE SOURCE IN THE THZ RANGE USING MACH-ZEHNDER-MODULATOR-BASED FLAT COMB GENERATOR	2525
<i>Isao Morohashi ; Yoshihisa Irimajiri ; Motohiro Kumagai ; Akira Kawakami ; Takahide Sakamoto ; Norihiko Sekine ; Akifumi Kasamatsu ; Iwao Hosako</i>	
MEASURING THE FREQUENCY STABILITY OF A QUANTUM CASCADE LASER FREQUENCY COMB	2527
<i>Francesco Cappelli ; Giulio Campo ; Iacopo Galli ; Giovanni Giusfredi ; Saverio Bartalini ; Davide Mazzotti ; Pablo Cancio ; Simone Borri ; Borislav Hinkov ; Jérôme Faist ; Paolo De Natale</i>	
CARRIER-ENVELOPE OFFSET FREQUENCY STABILIZATION IN A FEMTOSECOND OPTICAL PARAMETRIC OSCILLATOR WITHOUT NONLINEAR INTERFEROMETRY	2529
<i>Karolis Balskus ; Melissa Fleming ; Richard A. McCracken ; Zhaowei Zhang ; Derryck T. Reid</i>	
FREQUENCY COMB METROLOGY WITH A NEAR-INFRARED OPTICAL PARAMETRIC OSCILLATOR	2531
<i>K. Balskus ; S. Schilt ; V. J. Wittwer ; P. Brochard ; T. Ploetzing ; N. Jornod ; R. A. McCracken ; Z. Zhang ; A. Bartels ; D. T. Reid ; T. Südmeyer</i>	
MODAL ANALYSIS OF AN ULTRAFAST FREQUENCY COMB: APPLICATION TO LASER DYNAMICS AND QUANTUM METROLOGY	2533
<i>N. Treps ; V. Thiel ; J. Roslund ; R. Schmeissner ; S. De ; C. Fabre</i>	
MULTI-GHZ MODE-LOCKED LASERS AND COMB-RESOLVED SPECTROSCOPY	2535
<i>Mamoru Endo ; Shuntaro Tani ; Yohei Kobayashi</i>	
SUB-100 FS PULSES FROM ER-FIBER LASER PASSIVELY MODE-LOCKED AT 1.872 GHZ BY ACOUSTIC RESONANCE IN SOLID-CORE PCF	2537
<i>Wenbin He ; Meng Pang ; Philip St. J. Russell</i>	

NOVEL SATURABLE ABSORBERS FOR MODE-LOCKED TM:ZBLAN WAVEGUIDE CHIP LASERS	2539
<i>Xiantao Jiang ; Simon Gross ; Han Zhang ; Zhinan Guo ; Fabian Rotermond ; Dong-Il Yeom ; Michael J. Withford ; Alexander Fuerbach</i>	
KERR-LENS MODE-LOCKED YB³⁺:LU₂O₃ THIN-DISK LASER	2541
<i>Bernhard Kreipe ; José Ricardo Cardoso De Andrade ; Christian Kränkel ; Uwe Morgner</i>	
SESAMS FOR HIGH-POWER LASERS	2543
<i>C. G. E. Alfieri ; A. Diebold ; M. Kopp ; D. Waldburger ; M. Mangold ; F. Emaury ; C. J. Saraceno ; E. Gini ; U. Keller</i>	
87 FS PULSE GENERATION IN A DIODE-PUMPED SESAM MODE-LOCKED YB:YLF LASER.....	2545
<i>Federico Pirzio ; Luigi Fregnani ; Azzurra Volpi ; Alberto Di Lieto ; Mauro Tonelli ; Antonio Agnesi</i>	
TRANSIENT SPATIOTEMPORAL OPTIMIZATION OF OCTAVE-SPANNING TI:SAPPHIRE OSCILLATORS	2547
<i>Shih-Hsuan Chia ; Li-Jin Chen ; Kemal Safak ; Oliver D. Mücke ; F. X. Kärtner</i>	
SIMULTANEOUS SAMPLING OF ELECTRIC FIELD QUADRATURES IN THE TIME DOMAIN	2549
<i>C. Riek ; P. Sulzer ; M. Seeger ; D. V. Seletskiy ; A. Leitenstorfer</i>	
THZ PULSE APPLIED TO CHARACTERIZE THE GROUP DELAY DISPERSION OF AN ULTRASHORT OPTICAL PULSE	2551
<i>J. Degert ; M. Cornet ; E. Abraham ; E. Freysz</i>	
BOW-TIE PLASMONIC ARRAYS LOADED WITH GRAPHENE FOR THE FAST ROOM TEMPERATURE DETECTION OF TERAHERTZ QUANTUM CASCADE LASERS.....	2553
<i>Riccardo Degl'Innocenti ; Long Xiao ; David S. Jessop ; Stephen J. Kindness ; Christian W. O. Sol ; Yuan Ren ; Hungyen Lin ; J. Axel Zeitler ; Philipp Braeuninger-Weimer ; Stephan Hofmann ; Harvey E. Beere ; David A. Ritchie</i>	
COMPUTATIONALLY-ASSISTED THZ DUAL-COMB SPECTROSCOPY USING QUANTUM CASCADE LASER FREQUENCY COMBS.....	2555
<i>Yang Yang ; David Burghoff ; John Reno ; Qing Hu</i>	
ABSOLUTE FREQUENCY MEASUREMENT AND PHASE-LOCKING OF A THZ QCL WITH TWO 10 GHZ FREQUENCY COMBS.....	2557
<i>O. Kliebisch ; D. C. Heinecke ; T. Dekorsy ; H. Li ; C. Sirtori ; G. Santarelli ; S. Barbieri</i>	
QCL-BASED REAL-TIME TERAHERTZ DIGITAL HOLOGRAPHY	2559
<i>Luigi Consolino ; Massimiliano Locatelli ; Marco Ravaro ; Saverio Bartalini ; Miriam S. Vitiello ; Riccardo Cicchi ; Francesco Pavone ; Paolo De Natale</i>	
TERAHERTZ TOMOGRAPHY SYSTEM USING SELF-HETERODYNE DETECTION WITH PHASE NOISE COMPENSATION.....	2561
<i>Hajun Song ; Sejin Hwang ; Jong-In Song</i>	
POLARIZATION-RESOLVED TERAHERTZ IMAGING OF HYBRID FIBER-REINFORCED COMPOSITE LAMINATE SUBJECT TO LOW-VELOCITY IMPACT	2563
<i>Junliang Dong ; Alexandre Locquet ; D. S. Citrin</i>	
KEY TECHNOLOGIES AND EXPERIMENTS OF XCELS PROJECT	2565
<i>A. M. Sergeev ; A. A. Shaykin ; E. A. Khazanov</i>	
POLARIZATION ENCODED CHIRPED PULSE AMPLIFICATION IN TI:SAPPHIRE — A WAY TOWARDS FEW CYCLE PW LASERS.....	2567
<i>M. Kalashnikov ; H. Cao ; K. Osvay ; V. Chvykov ; N. Khodakovskiy ; R. S. Nagymihaly</i>	
DEVELOPMENT OF 0.1 HZ 4.0 PW LASER AT CORELS	2569
<i>Jae Hee Sung ; Seong Ku Lee ; Hwang Woon Lee ; Je Yoon Yoo ; Chang Hee Nam</i>	
HIGH CONTRAST CEP-STABLE OPCPA FRONT-END FOR PW-CLASS TI:SAPPHIRE SYSTEM.....	2571
<i>A. Thai ; E. Gontier ; C. Ferchaud ; P. M. Paul ; F. Falcoz ; N. Forget</i>	
THE CURRENT STATUS OF THE J-KAREN LASER UPGRADE.....	2573
<i>Hiromitsu Kiriyaama ; Masaki Kando ; Alexander S. Pirozhkov ; Maki Kishimoto ; Akira Kon ; Mamiko Nishiuchi ; Hironao Sakaki ; Koichi Ogura ; Masato Kanasaki ; Hirotaka Tanaka ; Yuji Fukuda ; Michiaki Mori ; Yuji Mashiba ; Makoto R. Asakawa ; Akito Sagisaka ; James Koga ; Timur Zh. Esirekepov ; Yukio Hayashi ; Hideyuki Kotaki ; Yasuhiro Miyasaka ; Kentaro Sekiguchi ; Sergei V. Bulanov ; Kiminori Kondo</i>	
INTRODUCTION TO SG-II 5 PW LASER FACILITY.....	2575
<i>Jiangqiang Zhu ; Xinglong Xie ; Qingwei Yang ; Jun Kang ; Haidong Zhu ; Ailin Guo ; Ping Zhu ; Qi Gao ; Zhigang Liu ; Quantang Fan ; Daizhong Liu ; Xiaoping Oyang ; Hui Wei ; Xiaochao Wang</i>	
SLIDE-FREE (BUT NOT NECESSARILY STAIN-FREE) MICROSCOPY VIA UV EXCITATION	2577
<i>Richard Levenson ; Farzad Fereidouni ; Zachary Harmany ; Stavros Demos</i>	
BIO-INSPIRED POLARIZATION IMAGING SENSOR FOR LABEL-FREE APPLICATIONS.....	2579
<i>Viktor Gruev ; Nathaniel King ; Barani Raman</i>	
HIGH-SPEED SPECTRAL SHEARING CONTRAST TIME-STRETCH MICROSCOPY	2581
<i>Bryan T. Bosworth ; Mark A. Foster</i>	
TWO-PHOTON MICROSCOPY BASED ON FIBER DELIVERY OF ULTRASHORT LASER PULSES AND SUPERCONTINUUM GENERATION IN A PHOTONIC CRYSTAL FIBER.....	2583
<i>Youbo Zhao ; Gopi N Maguluri ; Jesung Park ; Nicusor Iftimia</i>	
POLARIZATION-RESOLVED HYPERSPECTRAL STIMULATED RAMAN MICROSCOPY FOR TOOTH IMAGING	2585
<i>Zhiwei Huang ; Zi Wang ; Wei Zheng ; Stephen Chin-Ying Hsu</i>	
STAIN FREE COLORIMETRIC SENSORS USING HYBRID MODE PLASMONIC MICROSCOPY.....	2587
<i>P. Arora ; A. Krishnan</i>	
BROADBAND MULTIMODE FIBER SPECTROMETER.....	2589
<i>Seng Fatt Liew ; Brandon Redding ; Michael A. Choma ; Hemant D. Tagare ; Hui Cao</i>	
QUANTUM DOTS FIBER LASER WITH AZIMUTHALLY POLARIZED RADIAL EMISSION.....	2591
<i>Nan Zhang ; He Liu ; Alexander M. Stolyarov ; Yoel Fink ; Xiaowei Sun ; Lei Wei</i>	

OPTICAL FIBER LENS WITH PARABOLIC EFFECTIVE INDEX PROFILE FABRICATED USING FOCUSED ION BEAM	2593
<i>Henrik Melkonyan ; Kenaish Al Qubaisi ; Anatol Khilo ; Marcus S. Dahlem</i>	
IN-FIBER ALL-OPTICAL MODULATION BASED ON AN ENHANCED LIGHT-MATTER INTERACTION WITH GRAPHENE	2595
<i>H. Zhang ; N. Healy ; L. Shen ; C. C. Huang ; D. W. Hewak ; A. C. Peacock</i>	
COMPACT, FIBER-BASED KERR LENS SATURABLE ABSORBER	2597
<i>Long Wang ; Andy Chong ; Joseph W. Haus</i>	
SURFACE NANOSCALE AXIAL PHOTONICS (SNAP) STRUCTURES INTRODUCED WITH A FEMTOSECOND LASER	2599
<i>Fangcheng Shen ; Artemiy Dmitriev ; Neil Gordon ; Lin Zhang ; Xuwen Shu ; M. Sumetsky</i>	
FIBER GRATINGS FORMED BY SELF-ASSEMBLED NANOPARTICLES	2601
<i>Nan-Kuang Chen ; Kuan-Yu Lou ; Shien-Kuei Liaw ; Wood-Hi Cheng ; Raman Kashyap</i>	
COMPARISON OF NOVEL LIQUID ELECTRODES FOR SILICA OPTICAL FIBER THERMAL POLING	2603
<i>F. De Lucia ; C. Corbari ; D. Keefer ; P. J. A. Sazio</i>	
100 W, 10 GHZ, FEMTOSECOND PULSES FROM A VERY-LARGE-MODE-AREA ER-DOPED FIBER AMPLIFIER	2605
<i>J. W. Nicholson ; R. Ahmad ; A. Desantolo</i>	
BROADBAND SILICA-BASED THULIUM DOPED FIBER AMPLIFIER EMPLOYING DUAL-WAVELENGTH PUMPING	2607
<i>Junjia Wang ; Sijing Liang ; Yongmin Jung ; Qiongyue Kang ; Shaif-Ul Alam ; David J. Richardson</i>	
INTEGRATED TWO-COLOR FEMTOSECOND CHIRPED-PULSE FIBER AMPLIFICATION SYSTEM AT WAVELENGTHS OF 1050 AND 1550 NM	2609
<i>Dai Yoshitomi ; Kenji Torizuka</i>	
NOISE SUPPRESSION IN YB-DOPED SINGLE-FREQUENCY FIBER LASER BY AN OPTICAL PASSIVE-FEEDBACK LOOP	2611
<i>Yubin Hou ; Qian Zhang ; Pu Wang</i>	
POWER SCALING OF SINGLE-FREQUENCY FIBER AMPLIFIERS AT 976 NM	2613
<i>Jingwei Wu ; Xiushan Zhu ; Valery Temyanko ; L. Lacombe ; R. A. Norwood ; N. Peyghambarian</i>	
NUMERICAL STUDY AND VALIDATION OF ULTRA-SHORT PULSE AMPLIFICATION IN FIBER AMPLIFIERS AT HIGH REPETITION RATES	2615
<i>Robert Lindberg ; Peter Zeil ; Mikael Malmström ; Valdas Pasiskevicius ; Fredrik Laurell</i>	
ENHANCED PSUEDO-RANDOM PHASE MODULATION FOR HIGH POWER FIBER AMPLIFIERS	2617
<i>Brian Anderson ; Angel Flores ; Iyad Dajani</i>	
HIGH COLOR-CONVERSION EFFICIENCY CDSE QUANTUM DOTS HYBRID LIGHT EMITTED DIODE	2619
<i>Che-Yu Liu ; Tsung Sheng Kao ; Tzu-Pei Chen ; Gou-Chung Chi ; Hao-Chung Kuo ; Chun-Yen Chang</i>	
TUNING LIGHT WITH PHOTONIC PARTICLES	2621
<i>Roxana Rezvani Naraghi ; Guangming Tao ; Joshua J. Kaufmann ; Soroush Shabahang ; Sergey Sukhov ; Ayman F. Abouraddy ; Aristide Dogariu</i>	
FAST AND SCALABLE SYNTHESIS OF LEAD HALIDE PEROVSKITE NANOWIRES FOR TUNABLE ROOM-TEMPERATURE NANOLASERS	2623
<i>Jian-Yao Zheng ; Jing-Jing Wang ; Hongjun Xu ; Finn Purcell-Milton ; Chuan Zhong ; Yurii K. Gun'ko ; John F. Donegan</i>	
PEROVSKITE METAMATERIALS	2625
<i>Behrad Gholipour ; Giorgio Adamo ; Daniele Cortecchia ; Harish N. S. Krishnamoorthy ; Jun Yin ; Nikolay I. Zheludev ; Cesare Soci</i>	
PHOTOLUMINESCENCE ENHANCEMENT IN POROUS SIC PASSIVATED BY ATOMIC LAYER DEPOSITED AL₂O₃ FILMS	2627
<i>Weifang Lu ; Yoshimi Iwasa ; Yiyu Ou ; Satoshi Kamiyama ; Paul Michael Petersen ; Haiyan Ou</i>	
GROWTH OF STOICHIOMETRIC INP NANOWIRES/NANOBELTS BY A FACILE VAPOR TRANSPORT METHOD	2629
<i>S. E. Hashemi Amiri ; S. Turkdogan ; F. Fan ; Y. Yu ; P. Ranga ; C. Z. Ning</i>	
INDIUM PHOSPHIDE NANOFLAGS: OPTICAL CHARACTERIZATION, APPLICATIONS AND DEVICE INTEGRATION	2631
<i>Ofir Sorias ; Alexander Kelrich ; Ran Gladstone ; Dan Ritter ; Meir Orenstein</i>	
LOW STRAIN SILICON-VACANCY COLOR CENTERS IN DIAMOND NANOPILLAR ARRAYS	2633
<i>Jingyuan Linda Zhang ; Hitoshi Ishiwata ; Thomas M. Babinec ; Marina Radulaski ; Kai Müller ; Konstantinos G. Lagoudakis ; Constantin Dory ; Zhi-Xun Shen ; Nicholas A. Melosh ; Jelena Vuckovic</i>	
INVERSE-DESIGNED NONLINEAR NANOPHOTONIC STRUCTURES: ENHANCED FREQUENCY CONVERSION AT THE NANO SCALE	2635
<i>Zin Lin ; Chavin Sitawarin ; Marko Loncar ; Alejandro W. Rodriguez</i>	
EFFICIENT AND LOW NOISE FREQUENCY DOWNCONVERSION FROM THE 980 NM BAND TO THE 1550 NM BAND USING Si₃N₄ MICRORINGS	2637
<i>Qing Li ; Marcelo Davanco ; Kartik Srinivasan</i>	
TAILORING PHOTON-NUMBER DISTRIBUTION IN DISORDERED LATTICES WITH CHIRAL SYMMETRY	2639
<i>H. Esat Kondakci ; Robert Keil ; Alexander Szameit ; Ayman F. Abouraddy ; Demetrios N. Christodoulides ; Bahaa E. A. Saleh</i>	
SHORT-WAVE INFRARED COMPRESSIVE IMAGING OF SINGLE PHOTONS	2641
<i>Thomas Gerrits ; Daniel J. Lum ; Varun Verma ; John Howell ; Richard P. Mirin ; Sae Woo Nam</i>	

COMPARISON OF PHOTON PAIR GENERATION IN A-SI:H AND C-SI MICRORING RESONATORS	2643
<i>E. Hemsley ; D. Bonneau ; G. Sinclair ; J. Pelc ; R. Beausoleil ; S. Miki ; T. Yamashita ; M. Fujiwara ; M. Sasaki ; H. Terai ; M. G. Tanner ; C. M. Natarajan ; R. H. Hadfield ; J. L. O'Brien ; M. G. Thompson</i>	
ENTANGLED PHOTON GENERATION IN LITHIUM NIOBATE MICRODISK RESONATORS THROUGH SPONTANEOUS PARAMETRIC DOWN CONVERSION	2645
<i>Ian W. Frank ; Jeremy Moore ; J. K. Douglas ; Ryan Camacho ; Matt Eichenfield</i>	
EMITTER-CAVITY COUPLING IN HYBRID SILICON CARBIDE-NANODIAMOND MICRODISK RESONATORS	2647
<i>Marina Radulaski ; Yan-Kai Tzeng ; Jingyuan Linda Zhang ; Hitoshi Ishiwata ; Konstantinos G. Lagoudakis ; Veronique Souliere ; Gabriel Ferro ; Zhi-Xun Shen ; Nicholas A. Melosh ; Steven Chu ; Jelena Vuckovic</i>	
SPATIAL ADDRESSING OF SPIN STATES IN DIAMONDS BY DOUBLY RESONANT NANO-ANTENNAS	2649
<i>Tzach Jaffe ; Ofir Sorias ; Lior Gal ; Rafi Kalish ; Meir Orenstein</i>	
THE ULTIMATE COMMUNICATION CAPACITY LIMIT	2651
<i>Andrew D. Ellis</i>	
DUAL COHERENT SAMPLING WITH LOW-SPEED DIGITAL SIGNAL PROCESSING FOR MONITORING CARRIER-PHASE-DRIFTED CONSTELLATIONS	2652
<i>Takahide Sakamoto</i>	
ENHANCING PERFORMANCE OF FIBER-BASED FWM IN COHERENT COMMUNICATION SYSTEM BY SBS-INDUCED NONLINEAR PHASE	2654
<i>Chaoran Huang ; Ning Zhang ; Bofang Zheng ; Chester Shu</i>	
DEMULTIPLEXING OF N-OTDM SIGNAL BY TEMPORAL MAGNIFICATION AND COHERENT SAMPLING	2656
<i>Deming Kong ; Lei Yue ; Yan Li ; Yonghe Liu ; Zhuili Huang ; Jian Wu</i>	
BICM CAPACITY ANALYSIS OF 8QAM-ALTERNATIVE 2D/4D MODULATION FORMATS IN NONLINEAR FIBER TRANSMISSION	2658
<i>Keisuke Kojima ; Toshiaki Koike-Akino ; David S. Millar ; Tsuyoshi Yoshida ; Kieran Parsons</i>	
ROBUST FIBER PACKAGING IN A SCALABLE PHOTONICS PROCESS	2660
<i>Jeffrey M. Shainline ; Cale M. Gentry ; Sonia M. Buckley ; Nima Nader ; Sae Woo Nam ; Richard P. Mirin</i>	
ACCURACY ENHANCEMENT OF SUB-MM CHIP SELF-ALIGNMENT USING LIQUID SURFACE TENSION FOR HYBRID INTEGRATION	2662
<i>Shinya Kikuta ; Satoshi Hoshino ; Yoshiki Yamanishi ; Takafumi Fukushima ; Kangwook Lee ; Mitsumasa Koyanagi</i>	
DISTRIBUTED BACKSCATTERING DUE TO STOCHASTIC DEFECTS IN PRODUCTION O-BAND SI PHOTONIC WAVEGUIDES	2664
<i>Bo Peng ; Jessie Rosenberg ; Wesley D. Sacher ; Marwan Khater ; William M. J. Green ; Tymon Barwicz</i>	
CHARACTERIZATION OF SURFACE-STATE ABSORPTION IN FOUNDRY-FABRICATED SILICON RIDGE WAVEGUIDES AT 1550 NM USING PHOTOCURRENTS	2666
<i>Yu Li ; Andrew W. Poon</i>	
OPERATION OF HIGH-SPEED SILICON PHOTONIC MICRO-DISK MODULATORS AT CRYOGENIC TEMPERATURES	2668
<i>M. Gehl ; C. Long ; D. Trotter ; A. Starbuck ; A. Pomerene ; J. Wright ; S. Melgaard ; A. L. Lentine ; C. Deroe</i>	
LASER-PATTERNED ARRAY WITH AEROSOL-JET PRINTING QUANTUM-DOTS FOR NOVEL WHITE LIGHT SOURCE	2670
<i>Sheng-Wen Wang ; Huang-Yu Lin ; Chien-Chung Lin ; Tsung Sheng Kao ; Kuo-Ju Chen ; Hau-Vei Han ; Jie-Ru Li ; Po-Tsung Lee ; Huang-Ming Chen ; Ming-Hui Hong ; Hao-Chung Kuo</i>	
LOW-LOSS AND HIGH-BANDWIDTH MULTIMODE POLYMER WAVEGUIDE COMPONENTS USING REFRACTIVE INDEX ENGINEERING	2672
<i>Jian Chen ; Nikos Bamiedakis ; Peter Vasil'Ev ; Richard V. Penty ; Ian H. White</i>	
SLM-BASED RECONFIGURABLE TEST APPARATUS FOR INTEGRATED PHOTONIC LOGIC CIRCUITS	2674
<i>Thomas Van Vaerenbergh ; Dave Kiepinski ; Jason Pelc ; Nikolas A. Tezak ; Ranojoy Bose ; Charles Santori ; Raymond G. Beausoleil</i>	
ABSOLUTE DISTANCE MEASUREMENT METHOD WITH OPTICAL FREQUENCY COMB INTERFEROMETER BASED ON BALANCED OPTICAL CROSS CORRELATOR AND OPTICAL HETERODYNE TECHNIQUE	2676
<i>Yoshiaki Nakajima ; Thomas R. Schibli ; Bo Xu ; Kaoru Minoshima</i>	
PASSIVE COHERENT DISCRIMINATOR USING PHASE DIVERSITY FOR THE MEASUREMENT OF CW LASER FREQUENCY NOISE	2678
<i>Vincent Michaud-Belleau ; Hugo Bergeron ; Philip S. Light ; Nicolas Bourbeau Hébert ; Jean-Daniel Deschenes ; Andre N. Luiten ; Jérôme Genest</i>	
HIGH-PRECISION SPECTROSCOPY USING ULTRA-COMPACT LASERS	2680
<i>Kazumichi Yoshii ; Yusuke Hisai ; Feng-Lei Hong</i>	
TOWARD A HIGHLY STABLE MASTER LASER FOR THE INTERROGATION OF SYRTE'S SR AND HG OPTICAL LATTICE CLOCKS	2682
<i>O. Gobron ; K. Predohl ; D. Nicolodi ; R. Le Targat ; A. Ferrier ; P. Goldner ; S. Seidelin ; Le Coq Yann</i>	
RB-STABILIZED COMPACT OPTICAL FREQUENCY COMB ACTING AS A VERSATILE WAVELENGTH REFERENCE	2684
<i>W. Moreno ; R. Matthey ; F. Gruet ; P. Brochard ; S. Schilt ; G. Milet</i>	
SHORT ACETYLENE-FILLED PHOTONIC BANDGAP FIBER CELLS TOWARD PRACTICAL INDUSTRY STANDARDS	2686
<i>Ryan J. Luder ; Sajed Hosseini-Zavareh ; Chenchen Wang ; Manasadevi Thirugnanasambandam ; Brian R. Washburn ; Kristan L. Corwin</i>	

ATOM-SURFACE VAN DER WAALS POTENTIAL INDUCED SUB-DOPPLER TRANSPARENCIES IN RB VAPOR FILLED KAGOME HC-PCF	2688
<i>E. Ilinova ; T. Bradley ; X. Zheng ; B. Debord ; F. G��rome ; F. Benabid</i>	
GROUND-STATE POPULATION RELAXATION DYNAMICS OF POLARIZED RB ATOMS IN KAGOME HC-PCF	2690
<i>X. M. Zheng ; J. Jouin ; E. Ilinova ; B. Debord ; P. Thomas ; F. G��rome ; F. Benabid</i>	
72 MHZ A-SCAN OPTICAL COHERENCE TOMOGRAPHY USING CONTINUOUS HIGH-RATE PHOTONICALLY-ENABLED COMPRESSED SENSING (CHIRP-CS)	2692
<i>Jasper R. Stroud ; Bryan T. Bosworth ; Dung N. Tran ; Trac D. Tran ; Sang Chin ; Mark A. Foster</i>	
SCAN-LESS DUAL COMB SPECTROSCOPIC IMAGING WITH A SINGLE PIXEL DETECTOR	2694
<i>Kyuki Shibuya ; Takuma Matsumoto ; Yasuhiro Mizutani ; Takeshi Yasui ; Tetsuo Iwata</i>	
SPACE-TIME-WAVELENGTH MAPPING BASED ELECTRONICALLY CONTROLLED TWO DIMENSIONAL OPTICAL TWEEZING	2696
<i>Shah Rahman ; Parinaz Sadri-Moshkenani ; Rasul Torun ; Ozdal Boyraz</i>	
MULTISPECTRAL IMAGING USING SEQUENTIALLY TIMED ALL-OPTICAL MAPPING PHOTOGRAPHY UTILIZING SPECTRAL FILTERING (SF-STAMP) SYSTEM	2698
<i>Ryohei Hida ; Takakazu Suzuki ; Fumihiko Isa ; Ryuta Ueda ; Fumihiko Kannari</i>	
ULTRAFAST POLARIZATION-STATE DYNAMICS OF LIGHT BEAMS MEASURED BY TWO-PHOTON ABSORPTION	2700
<i>Andriy Shevchenko ; Matthieu Roussey ; Tero Set��l�� ; Ari T. Friberg</i>	
LOSSLESS ARBITRARY FSR CONTROL OF OPTICAL FREQUENCY COMBS USING JOINT TIME-FREQUENCY SELF-IMAGING	2702
<i>Hugues Guillet De Chatellus ; Luis Romero Cort��s ; Os�� Aza��a</i>	
WIDELY TUNABLE ULTRAFAST SOURCES FOR MULTI-PHOTON MICROSCOPY	2704
<i>Wei Liu ; Chen Li ; Hsiang-Yu Chung ; Shih-Hsuan Chia ; Zhigang Zhang ; Franz X. K��rtner ; Guoqing Chang</i>	
REAL-TIME IMAGE COMPRESSION BASED ON ALL-OPTICAL HAAR WAVELET TRANSFORM	2706
<i>Milad Alemohammad ; Mark Foster</i>	
ULTRA-COMPACT SOURCE FOR THZ TIME DOMAIN SPECTROSCOPY	2708
<i>J. C. Balzer ; K. Merghem ; S. F. Busch ; F. Lelarge ; A. Ramdane ; M. Koch</i>	
PATCH ANTENNA MICROCAVITIES TERAHERTZ SOURCES WITH ENHANCED EMISSION	2710
<i>J. Mad��o ; Y. Todorov ; A. Gilman ; G. Frucci ; G. Biasol ; L. Li ; E. H. Linfield ; C. Sirtori ; K. M. Dani</i>	
CASCADED OPTICAL PARAMETRIC AMPLIFIER IN PPLN FOR EFFICIENT NARROWBAND TERAHERTZ GENERATION	2712
<i>G. Cirmi ; F. Reichert ; M. Hemmer ; K. Ravi ; F. Ahr ; F. Lemery ; A. -L. Calendron ; H. ��ankaya ; D. N. Schimpf ; L. E. Zapata ; O. D. M��cke ; N. H. Matlis ; F. X. K��rtner</i>	
AMORPHOUS RANDOM LASING AT TERAHERTZ FREQUENCY	2714
<i>Yongquan Zeng ; Guozhen Liang ; Houkun Liang ; Shampy Mansha ; Bo Meng ; Tao Liu ; Xiaonan Hu ; Jin Tao ; Lianhe Li ; A. Giles Davies ; Edmund Linfield ; Ying Zhang ; Yidong Chong ; Qi Jie Wang</i>	
CASCADED DIFFERENCE-FREQUENCY GENERATION USING TAILORED OPTICAL SPECTRA FOR HIGHLY EFFICIENT TERAHERTZ SOURCES	2716
<i>K. Ravi ; G. Cirmi ; M. Hemmer ; F. Reichert ; D. N. Schimpf ; O. D. M��cke ; F. X. K��rtner</i>	
TERAHERTZ TRACE GAS SPECTROSCOPY BASED ON A FULLY-ELECTRONIC FREQUENCY-COMB RADIATING ARRAY IN SILICON	2718
<i>M. Mahdi Assefzadeh ; Babak Jamali ; Aleksander K. Gluszek ; Arkadiusz J. Hudzikowski ; Jacek Wojtas ; Frank K. Tittel ; Aydin Babakhani</i>	
1550 NM LARGE-AREA PLASMONIC PHOTOCONDUCTIVE TERAHERTZ SOURCES	2720
<i>Nezih T. Yardimci ; Mona Jarrahi</i>	
ANTIREFLECTIVE SURFACE MICROSTRUCTURES ON OPTICS FOR LASER APPLICATIONS	2722
<i>Lynda E. Busse ; Jesse A. Frantz ; L. Brandon Shaw ; Menelaos K. Poutous ; Ishwar D. Aggarwal ; Jasbinder S. Sanghera</i>	
METER-SIZE GRATINGS FOR MULTI-PETAWATT LASERS	2724
<i>Arnaud Cotel ; Brice Villier ; Christophe Gombaud</i>	
IMAGE PROCESSING FOR THE AUTOMATIC ALIGNMENT AT THE NATIONAL IGNITION FACILITY	2726
<i>Abdul A. S. Awwal ; Richard R. Leach ; Vicki Miller-Kamm ; Karl Wilhelmsen ; Roger Lowe-Webb</i>	
FOCAL-SPOT OPTIMIZATION BY POLARIZATION MODULATION	2728
<i>C. Dorner ; Y. Li ; P. Fiala</i>	
PERFORMANCE OF AN OPTICAL DIFFERENTIATION WAVEFRONT SENSOR BASED ON BINARY PIXELATED TRANSMISSION FILTERS	2730
<i>J. Qiao ; Z. Mulhollan ; A. Schweinsberg ; C. Dorner</i>	
ALL-FIBER MOPA PROTOTYPE WITH 100��J TEMPORALLY-SHAPED NANOSECOND-PULSE AND SPATIALLY COHERENT TOP-HAT BEAM OUTPUT FOR LARGE-SCALE LASER FACILITY FRONT END	2732
<i>Florent Scol ; Pierre Gouriou ; Arnaud Perrin ; Jean-Fran��ois Gleyze ; Constance Valentin ; G��raud Bouwmans ; Emmanuel Hugonnot</i>	
HIGH-CONTRAST TIME-MULTIPLEXED PULSE-SHAPING SYSTEMS	2734
<i>C. Dorner ; W. Bittle ; R. Cuffney ; E. Hill ; T. Z. Kosc ; J. H. Kelly ; J. D. Zuegel</i>	
GRADIENT LIGHT INTERFERENCE MICROSCOPY (GLIM) OF OPTICALLY THICK SPECIMENS	2736
<i>Tan Nguyen ; Mikhaile Kandell ; Gabriel Popescu</i>	
HIGH-THROUGHPUT SINGLE-CELL IMAGE ANALYSIS OF LIVING EUGLENA GRACILIS FOR EFFICIENT BIOFUEL PRODUCTION	2737
<i>Cheng Lei ; Takuro Ito ; Dino Di Carlo ; Yasuyuki Ozeki ; Keisuke Goda</i>	

LAB-ON-A-CHIP RAMAN SENSORS OUTPERFORMING RAMAN MICROSCOPES	2739
<i>Ashim Dhakal ; Ali Raza ; Pieter Wuytens ; Frédéric Peyskens ; Andre Skirtach ; Nicolas Le Thomas ; Roel Baets</i>	
HOLOGRAPHIC TECHNIQUES FOR BIOMEDICAL MICROSCOPY	2741
<i>Myung K Kim</i>	
FLUORESCENCE-BASED FLYING-PARTICLE SENSOR IN LIQUID-FILLED HOLLOW-CORE PHOTONIC CRYSTAL FIBER	2743
<i>R. Zeltner ; D. S. Bykov ; S. Xie ; T. G. Euser ; P. St. J. Russell</i>	
IN-LINE OPTOFLUIDIC SENSOR BASED ON A LONG-PERIOD GRATING IN A SIDE-CHANNEL PHOTONIC CRYSTAL FIBER	2745
<i>Nan Zhang ; Georges Humbert ; Kaiwei Li ; Zhifang Wu ; Nancy Meng Ying Zhang ; Perry Ping Shum ; Ying Cui ; Jean-Louis Auguste ; Xuan Quyen Dinh ; Lei Wei</i>	
HIGHLY SENSITIVE STRAIN SENSOR BASED ON HELICAL STRUCTURE IN MULTICORE FIBER	2747
<i>Hailiang Zhang ; Zhifang Wu ; Perry Ping Shum ; Xuguang Shao ; Ruoxu Wang ; Ying Ming Seow ; Xuan Quyen Dinh ; Songnian Fu ; Weijun Tong ; Ming Tang</i>	
HOLLOW-CORE PHOTONIC-BANDGAP FIBER RESONATOR FOR ROTATION SENSING	2749
<i>I. Fsaïfès ; G. Feugnet ; A. Baz ; A. Ravaille ; B. Debord ; F. Gérôme ; G. Humbert ; S. Schwartz ; F. Benabid ; F. Bretenaker</i>	
WATT-LEVEL SINGLE LONGITUDINAL MODE TM-DOPED FIBER LASER BASED ON A SELF-CONSTRUCTED SATURABLE ABSORPTION GRATING	2751
<i>Sun Do Lim ; Jae-Keun Yoo ; Seung Kwan Kim</i>	
WHISPERING GALLERY MODES IN A SINGLE SILICA MICROPARTICLE ATTACHED TO AN OPTICAL MICROFIBER	2753
<i>Ningyu Liu ; Lei Shi ; Song Zhu ; Xinbiao Xu ; Xinliang Zhang</i>	
SOA-BASED TUNABLE FIBER RING LASER WITH INTRACAVITY MEMS-TUNABLE FABRY-PÉROT FILTER	2755
<i>M. T. Haidar ; E. Polat ; S. Paul ; J. Cesar ; C. Gierl ; A. Chipouline ; F. Küppers</i>	
A SINGLE LONGITUDINAL MODE FIBER RING LASER BASED ON CASCADED MICROFIBER KNOTS FILTER	2757
<i>Yue Li ; Zhilin Xu ; Qizhen Sun ; Yiyang Luo ; Lin Zhang ; Deming Liu</i>	
QUANTUM-DEFECT-ASSISTED POLARIZATION MODE COUPLING IN A FIBER AMPLIFIER	2759
<i>Fanting Kong ; R. H. Stolen ; Liang Dong</i>	
YTTERBIUM-DOPED 30/400 LMA FIBERS WITH A RECORD-LOW ~NA OF 0.028	2761
<i>Fanting Kong ; Thomas W. Hawkins ; Maxwell Jones ; Joshua Parsons ; Monica Kalichevsky-Dong ; Christopher Dunn ; Liang Dong</i>	
HIGH-POWER MODE-SELECTIVE AMPLIFICATION IN LARGE MODE AREA YTTERBIUM-DOPED FIBER USING A PHOTONIC LANTERN	2763
<i>S. Wittek ; R. Bustos Ramirez ; J. Alvarado Zacarias ; Z. Sanjabi Eznaveh ; G. Lopez Galmiche ; J. Bradford ; J. Antonio-Lopez ; L. Shah ; R. Amezcua Correa</i>	
SYNCHRONIZED DUAL-REPETITION-RATE TWO-COLOR FIBER LASERS FOR COHERENT RAMAN IMAGING	2765
<i>Cihang Kong ; Xiaoming Wei ; Thomas Huser ; Kevin K. Tsia ; Kenneth K. Y. Wong</i>	
A SIMPLIFIED ARCHITECTURE FOR HIGH EFFICIENCY CASCADED RAMAN FIBER LASERS	2767
<i>V. Balaswamy ; S. Arun ; G. Chayran ; V. R. Supradeepa</i>	
PHOTONIC LANTERN MODE CONTROL IN FEW-MODED FIBER AMPLIFIERS USING SPGD	2769
<i>Chris Aleshire ; Juan Montoya ; Christopher Hwang ; Nicolas K. Fontaine ; Dale H. Martz ; T. Y. Fan ; Dan Ripin</i>	
EFFICIENT ER³⁺-DOPED FIBER LASER BASED ON NANO-ENGINEERED YTTRIA STABILIZED ZIRCONIA ALUMINO SILICATE FIBER	2771
<i>Yin-Wen Lee ; Jiun-Shin Chang ; Shyamal Das ; Anirban Dha ; Mrinmay Pal ; Mukul Chandra Paul</i>	
LONG-DURATION BEAT FREQUENCY STABILIZATION FOR DUAL-POLARIZATION FIBER GRATING LASERS	2773
<i>Qizhen Sun ; Hongbo Luo ; Wengao Lu ; Tao Liu ; Deming Liu</i>	
AN ANOMALOUS TRANSMISSION OF AN ULTRATHIN METALLIC GRATING	2775
<i>Sung W. Kim ; Lin Pang ; Brandon Hong ; Joanna Ptasiński ; Yeshaiah Fainman</i>	
FABRICATING A LINEAR VARIABLE FILTER USING NANOREPLICA MOLDING	2777
<i>Longju Liu ; Haris A. Khan ; Jingjing Li ; Andrew C. Hillier ; Meng Lu</i>	
HIGH QUALITY FACTOR Si₃N₄ RING RESONATORS ACHIEVED BY SURFACE ROUGHNESS REDUCTION	2779
<i>Xingchen Ji ; Felipe A. S. Barbosa ; Alex Bryant ; Jaime Cardenas ; Samantha P. Roberts ; Michal Lipson</i>	
FABRICATION OF 74 MOL% GEO₂-DOPED FIBERS AND MID-IR SUPERCONTINUUM GENERATION	2781
<i>R. Sidharthan ; S. Yoo ; D. Ho ; Y. M. Seng ; Z. Liling ; L. Zhu ; X. Dong ; S. C. Tjin</i>	
ENGINEERING STRAIN IN SILICON USING SIMOX 3D SCULPTING	2783
<i>Huashun Wen ; David Borlaug ; Hongxiang Wang ; Yuefeng Ji ; Bahram Jalali</i>	
HELIUM-ION MILLING OF GOLD SLOT ANTENNAS	2785
<i>Kevin Han ; Frances I. Allen ; Ming C. Wu</i>	
LLOYD'S INTERFERENCE LITHOGRAPHY SYSTEM EMPLOYING BEAM SHAPING TECHNIQUE FOR WAFER-SCALE NANO-PATTERNING	2787
<i>Han-Jung Chang ; Ping-Chien Chang ; Yung Hung</i>	
ADVANCEMENTS IN SUBSTRATE-TRANSFERRED CRYSTALLINE COATINGS	2789
<i>G. D. Cole ; W. Zhang ; B. J. Bjork ; D. Follman ; P. Heu ; C. Deutsch ; L. Sonderhouse ; C. Franz ; A. Alexandrovski ; O. H. Heckl ; J. Ye ; M. Aspelmeier</i>	
RECONFIGURABLE INTEGRATED OPTICAL CIRCULATOR	2791
<i>Duanni Huang ; Paolo Pintus ; Chong Zhang ; Yuya Shoji ; Tetsuya Mizumoto ; John E. Bowers</i>	

ON-CHIP OPTICAL NEUROMORPHIC COMPUTING	2793
<i>Yichen Shen ; Scott Skirlo ; Nicholas C. Harris ; Dirk Englund ; Marin Soljacic</i>	
LONG-DURATION, PICOSECOND OPTICAL PULSE SHAPING ON SOI USING DISCRETE SPACE-TO-TIME MAPPING	2795
<i>Hamed Pishvai Bazargani ; Maurizio Burla ; José Azaña</i>	
PHOTONIC HILBERT TRANSFORMER BASED ON Laterally APODIZED WAVEGUIDE BRAGG GRATINGS ON A SOI WAFER	2797
<i>Hamed Pishvai Bazargani ; Maurizio Burla ; José Azaña</i>	
TUNABLE MICROWAVE PHASE SHIFTER WITH LOW RF-POWER VARIATION BASED ON HIGH-Q EPITAXIAL ALN RING RESONATOR	2799
<i>Xianwen Liu ; Changzheng Sun ; Bing Xiong ; Jian Wang ; Lai Wang ; Yanjun Han ; Zhibiao Hao ; Hongtao Li ; Yi Luo ; Jianchang Yan ; Tongbo Wei ; Yun Zhang ; Junxi Wang</i>	
100-HZ THERMO-OPTICALLY CONTROLLED BEAM STEERING IN AN END-FIRE SILICON WAVEGUIDE ARRAY	2801
<i>Michael R. Kossey ; Charbel Rizk ; Amy C. Foster</i>	
LOW NOISE FREQUENCY COMB FOR 64 QAM BASED ON OUTPUT PHASE STABILIZATION OF AN ACTIVELY MODE-LOCKED FIBER LASER	2803
<i>Mark Pelusi ; Hung Nguyen Tan ; Karen Solis-Trapala ; Takashi Inoue ; Shu Namiki</i>	
TUNABLE ROADM WITH CROSSTALK REDUCTION FOR OVERLAPPED 20–25 GBAUD QPSK WDM CHANNELS USING WAVE MIXING	2805
<i>M. Ziyadi ; A. Mohajerin-Ariaei ; Y. Cao ; A. Almainan ; C. Bao ; F. Alishahi ; A. Fallahpour ; P. Liao ; Asher J. Willner ; B. Shamee ; S. R. Wilkinson ; L. Paraschis ; M. Tur ; C. Langrock ; M. M. Fejer ; J. D. Touch ; A. E. Willner</i>	
POLARIZATION-INSENSITIVE WAVELENGTH CONVERSION OF REAL-TIME COHERENT 100G CHANNEL BY SIGNAL TRANSLATION ACROSS C-BAND	2807
<i>Yue-Kai Huang ; Shaoliang Zhang ; Fatih Yaman ; Ting Wang ; Yoshiaki Aono ; Tsutomu Tajima</i>	
SHANNON CAPACITY OF NONLINEAR COMMUNICATION CHANNELS	2809
<i>Mariia Sorokina ; Stylianos Sygletos ; Sergei Turitsyn</i>	
TUNABLE OPTICAL DE-AGGREGATION OF A 40-GBIT/S 16-QAM SIGNAL INTO TWO 20-GBIT/S 4-PAM SIGNALS USING A COHERENT FREQUENCY COMB AND NONLINEAR PROCESSING	2811
<i>M. Ziyadi ; A. Mohajerin-Ariaei ; Y. Cao ; A. Almainan ; A. Fallahpour ; C. Bao ; F. Alishahi ; P. Liao ; B. Shamee ; L. Paraschis ; M. Tur ; C. Langrock ; M. M. Fejer ; J. D. Touch ; Y. Akasaka ; T. Ikeuchi ; A. E. Willner</i>	
EXPERIMENTAL DEMONSTRATION OF 7-FOLD MULTICASTING OF A 20-GBAUD QPSK SIGNAL USING KERR FREQUENCY COMBS	2813
<i>Changjing Bao ; Peicheng Liao ; Martin Hubert Peter Pfeiffer ; Maxim Karpov ; Arne Kordts ; Lin Zhang ; Yan Yan ; Guodong Xie ; Yinwen Cao ; Ahmed Almainan ; Morteza Ziyadi ; Zhe Zhao ; Long Li ; Amirhossein Mohajerin-Ariaei ; Steven R. Wilkinson ; Moshe Tur ; Martin M. Fejer ; Tobias J. Kippenberg ; Alan E. Willner</i>	
AXIAL CONFINEMENT IN THE MONOLITHIC INTEGRATED SELF-ROLLED-UP VERTICAL SIN_x MICRORING RESONATOR ON A RIDGE WAVEGUIDE	2815
<i>Xin Yu ; Lynford L. Goddard ; Xiuling Li ; Xiaogang Chen</i>	
THERMALLY-TUNABLE RING RESONATORS FOR HIGH-SPEED OPTICAL SENSOR INTERROGATION	2817
<i>Hyun-Tae Kim ; Miao Yu</i>	
INTEGRATED CHIP-SCALE WAVEMETER WITH 300 MHZ FREE SPECTRAL RANGE	2819
<i>Chao Xiang ; Minh A. Tran ; Tin Komljenovic ; Jared Hulme ; Michael Davenport ; Doug Baney ; Bogdan Szafraniec ; John E. Bowers</i>	
AN ALL-SILICON PASSIVE SIX-PORT CIRCUIT OF ALL-OPTICAL ORDERED-ROUTE TRANSMISSION	2821
<i>Li Liu ; Jianji Dong ; Huaqing Qiu ; Fan Jiang ; Mengying He ; Hailong Zhou ; Xinliang Zhang</i>	
10 GBIT/S CARBON-RICH SIC BASED ALL-OPTICAL DATA INVERTOR	2823
<i>Shih-Chang Syu ; Chih-Hsien Cheng ; Huai-Yung Wang ; Yu-Chieh Chi ; Gong-Ru Lin</i>	
BROADBAND AND NON-VOLATILE LIQUID CONTROLLED SILICON PHOTONICS SWITCH	2825
<i>Herbert D'Heer ; Cristina Lerma Arce ; Jan Watté ; Koen Huybrechts ; Roel Baets ; Dries Van Thourhout</i>	
ULTRA-COMPACT BROADBAND DIELECTRIC ANTENNA	2827
<i>Julián L. Pita ; Paulo Dainese ; Hugo E. Hernandez-Figueroa ; Lucas H. Gabrielli</i>	
DEMONSTRATION OF AN O/E/O RECEIVERLESS LINK IN AN INTEGRATED MULTI-CHANNEL LASER NEURON	2829
<i>Mitchell A. Nahmias ; Alexander N. Tait ; Leonidas Tolia ; Matthew P. Chang ; Thomas Ferreira De Lima ; Bhavin J. Shastri ; Paul R. Prucnal</i>	
COMPACT MODE-LOCKED DIODE LASER SYSTEM FOR PRECISION FREQUENCY COMPARISONS IN MICROGRAVITY EXPERIMENTS	2831
<i>Heike Christopher ; Evgeny Kovalchuk ; Andreas Wicht ; Günther Tränkle ; Achim Peters</i>	
COMPACT LOW-NOISE FREQUENCY COMBS: MICROCHIP OR PHOTONIC CRYSTAL FIBER?	2833
<i>Alexander Klenner ; Aline S. Mayer ; Adrea R. Johnson ; Kevin Luke ; Michael R. E. Lamont ; Yoshitomo Okawachi ; Michal Lipson ; Alexander L. Gaeta ; Ursula Keller</i>	
PHASE-STABILIZED, FULLY MONOLITHIC MODE-LOCKED LASER	2835
<i>W. Xie C. -C. Lee ; T. Shoji ; S. Todaro ; K. L. Silverman ; A. Feldman ; T. Harvey ; R. P. Mirin ; T. R. Schibli</i>	
PRECISION POLARIZATION-MAINTAINING ER OPTICAL FREQUENCY COMB BASED ON A NONLINEAR AMPLIFYING LOOP MIRROR	2837
<i>N. Kuse ; J. Jiang ; C. -C. Lee ; T. R. Schibli ; M. E. Fermann</i>	
WAKE MODE SIDEBANDS AND INSTABILITY IN COMB LASERS WITH SLOW SATURABLE ABSORBERS	2839
<i>Shaokang Wang ; Curtis R. Menyuk ; Stefan Droste ; Laura Sinclair ; Ian Coddington ; Nathan Newbury</i>	

MAGNETO-OPTICAL MODULATOR FOR PRECISE CAVITY LENGTH CONTROL	2841
<i>Takuma Nakamura ; Shuntaro Tani ; Isao Ito ; Yohei Kobayashi</i>	
HIGHLY PHASE-COHERENT STABILIZATION OF CARRIER-ENVELOPE-OFFSET FREQUENCY WITH GRAPHENE MODULATOR ON SESAM	2843
<i>C. -C. Lee ; Y. Hayashi ; D. Hou ; K. L. Silverman ; A. Feldman ; T. Harvey ; R. P. Mirin ; T. R. Schibli</i>	
FEW-CYCLE MID-IR OPCPA FRONT-END AT 100 KHZ WITH SUB-50 MRAD CEP-STABILITY	2845
<i>A. Thai ; R. Maksimenka ; C. Ferchaud ; N. Thiré ; N. Forget</i>	
STABILIZING CARRIER-ENVELOPE PHASE OF A LOW REPETITION RATE LASER USING A HYBRID REFERENCE PULSE TRAIN	2847
<i>Yuxi Fu ; Eiji J. Takahashi ; Yuuki Tamaru ; Katsumi Midorikawa</i>	
INTRACAITY HYPERPOLARIZABILITY MEASUREMENT FROM CARRIER ENVELOPE PHASE DEMODULATION	2849
<i>Tianli Feng ; Pascal Rustige ; Nils Raabe ; Günter Steinmeyer</i>	
FIRST INVESTIGATION OF THE NOISE AND MODULATION PROPERTIES OF THE CARRIER ENVELOPE OFFSET FREQUENCY IN A MODELOCKED SEMICONDUCTOR LASER	2851
<i>N. Jornod ; P. Brochard ; V. J. Wittwer ; S. Schilt ; S. Hakobyan ; D. Waldburger ; S. M. Link ; C. G. E. Alfieri ; M. Golling ; L. Devenoges ; J. Morel ; U. Keller ; T. Südmeyer</i>	
DETECTING DETERMINISM IN LASER NOISE: A NOVEL DIAGNOSTIC APPROACH FOR ULTRAFAST LASERS	2853
<i>Nils Raabe ; Mark Mero ; Youjian Song ; Wolfgang Haensel ; Ronald Holzwarth ; Alexander Sell ; Armin Zach ; Günter Steinmeyer</i>	
WAVEFORM CHARACTERIZATION OF CEP-STABLE INTENSE MID-INFRARED PULSES GENERATED VIA DUAL-WAVELENGTH OPA	2855
<i>Keisuke Kaneshima ; Nobuhisa Ishii ; Kengo Takeuchi ; Jiro Itatani</i>	
SELF-REFERENCED FREQUENCY-RESOLVED OPTICAL GATING CAPABLE OF CARRIER-ENVELOPE PHASE DETERMINATION	2857
<i>Takao Fuji ; Hideto Shirai ; Yutaka Nomura</i>	
ATTOSECOND NONLINEAR POLARIZATION AND ENERGY TRANSFER IN SOLIDS	2859
<i>A. Sommer ; E. M. Bothschafter ; S. A. Sato ; C. Jakubeit ; T. Latka ; O. Razskazovskaya ; H. Fattahi ; M. Jobst ; W. Schweinberger ; V. Shirvanyan ; V. S. Yakovlev ; R. Kienberger ; K. Yabana ; N. Karpowicz ; M. Schultze ; F. Krausz</i>	
SIMULTANEOUS ELECTRONIC AND MAGNETIC EXCITATION OF COBALT BY INTENSE THZ PULSES	2861
<i>M. Shalaby ; C. Vicario ; C. P. Hauri</i>	
FAR-INFRARED NONLINEAR OPTICS IN MULTILAYER EPITAXIAL GRAPHENE	2863
<i>Ryan J. Suess ; Stephan Winnerl ; Harald Schneider ; Manfred Helm ; Claire Berger ; Walter A. De Heer ; Thomas E. Murphy ; Martin Mittendorff</i>	
NONLINEAR PLASMONIC THZ ABSORPTION IN GRAPHENE RIBBONS	2865
<i>Martin Mittendorff ; Mohammad M. Jaidi ; Jacob C. König-Otto ; Stephan Winnerl ; Andrei B. Sushkov ; H. Dennis Drew ; Thomas E. Murphy</i>	
TERAHERTZ CARRIER DYNAMICS IN GRAPHENE NANORIBBONS WITH DIFFERENT PERIPHERIAL FUNCTIONAL GROUPS	2867
<i>I. Ivanov ; Y. Hu ; U. Beser ; A. Narita ; K. Müllen ; M. Bonn ; D. Turchinovich</i>	
CURRENT-INJECTION TERAHERTZ LASING IN DISTRIBUTED-FEEDBACK DUAL-GATE GRAPHENE-CHANNEL FIELD-EFFECT TRANSISTOR	2869
<i>Gen Tamamushi ; Takayuki Watanabe ; Alexander A. Dubinov ; Hiroyuki Wako ; Akira Satou ; Tetsuya Suemitsu ; Maxim Ryzhii ; Victor Ryzhii ; Taichi Otsuji</i>	
RECORD FIFTH-HARMONIC-GENERATION EFFICIENCY PRODUCING 211-NM PULSES USING CESIUM LITHIUM BORATE	2871
<i>I. A. Begishev ; J. Bromage ; P. S. Datte ; S. T. Yang ; J. D. Zuegel</i>	
LASER SYSTEM FOR HIGH-EFFICIENCY HYDROGEN ION STRIPPING	2873
<i>Yun Liu ; Abdurahim Rakhman</i>	
SINGLE-FREQUENCY ND:GGG/BAWO₄ RAMAN LASER EMITTING AT 1178.3 NM	2875
<i>Zhaojun Liu ; Shaojie Men ; Zhenhua Cong ; Yang Liu ; Han Rao ; Sasa Zhang ; Xingyu Zhang</i>	
HIGH-ENERGY FEMTOSECOND HYDROGEN RAMAN LASER	2877
<i>C. Vicario ; M. Shalaby ; L. Losev ; C. P. Hauri</i>	
REDUCED THERMAL LENSING IN AN END-PUMPED ND:YVO₄ LASER USING A RING-SHAPED PUMP BEAM	2879
<i>D. Lin ; W. A. Clarkson</i>	
OBSERVATION OF REPETITION RATE LOCKING IN AN ORTHOGONALLY-POLARIZED DUAL-WAVELENGTH PASSIVELY Q-SWITCHED HYBRID ND:YVO₄/ND:YLF LASER	2881
<i>Yu-Jen Huang ; Hsin-Ham Cho ; Yung-Fu Chen</i>	
10-FS-LEVEL SYNCHRONIZATION OF A PHOTOCATHODE LASER WITH AN S-BAND RF OSCILLATOR FOR AN RF PHOTOCATHODE GUN	2883
<i>Heewon Yang ; Byungheon Han ; Junho Shin ; Kwangyun Jung ; Dong Hou ; Hayun Chung ; In Hyung Baek ; Young Uk Jeong ; Jungwon Kim</i>	
BROADBAND CHARACTERIZATION OF ZBLAN FIBER FOR SHORT-WAVE INFRARED APPLICATIONS USING ALL-FIBER INTERFEROMETER	2885
<i>Svyatoslav Kharitonov ; Camille-Sophie Brès</i>	
REAL-TIME DUAL-COMB SPECTROSCOPY WITH A FREE-RUNNING FEMTOSECOND FIBER LASER	2887
<i>S. Mehravar ; R. A. Norwood ; N. Peyghambarian ; K. Kieu</i>	

UNIDIRECTIONAL, COMMON-PATH DUAL-COMB LASING ENABLED BY MULTIPLE SOLITON FORMATION MECHANISMS IN A PASSIVELY HYBRID MODE-LOCKED FIBER RING LASER	2889
<i>Ya Liu ; Xin Zhao ; Guoqing Hu ; Cui Li ; Bofeng Zhao ; Zheng Zheng</i>	
PLASMONIC METAL-CORED FIBRES	2891
<i>Behrad Gholipour ; Duc Minh Nguyen ; Paul Bastock ; Long Cui ; Venkatram Nalla ; Chris Craig ; Khoulér Khan ; Daniel W. Hewak ; Nikolay I. Zheludev ; Cesare Soci</i>	
HIGHLY ACCURATE MULTICHANNEL FIBER TRANSFER DELAY MEASUREMENT	2893
<i>J. W. Dong ; B. Wang ; C. Gao ; Y. C. Guo ; L. J. Wang</i>	
ENHANCEMENT OF SPATIAL RESOLUTION IN DISTRIBUTED MEASUREMENT OF BRILLOUIN DYNAMIC GRATING SPECTRUM BY OPTICAL CORRELATION DOMAIN ANALYSIS	2895
<i>Takeo Sasai ; Masato Kishi ; Kazuo Hotate</i>	
A GRAPHENE-ENHANCED Q-SWITCHED DISTRIBUTED FEEDBACK FIBER LASER	2897
<i>B. C. Yao ; S. W. Huang ; Y. Wu ; Z. Y. Feng ; C. Choi ; H. Liu ; H. F. Qi ; G. D. Peng ; X. F. Duan ; Y. J. Rao ; C. W. Wong</i>	
LASER OSCILLATION IN LOW PHOTO-DARKENING YB-DOPED SILICA GLASS FIBER BY CO-DOPING OF GROUP-2 ELEMENT	2899
<i>Y. Sakaguchi ; Y. Fujimoto ; N. Miyanaga ; H. Nakano</i>	
WAVELENGTH-FLEXIBLE THULIUM-DOPED FIBER LASER EMPLOYING A DIGITAL MICRO-MIRROR DEVICE TUNING ELEMENT	2901
<i>A. Billaud ; P. C. Shardlow ; W. A. Clarkson</i>	
VISIBLE LASER OSCILLATION IN SINGLE-MODE PR-DOPED DOUBLE-CLAD STRUCTURED WATERPROOF FLUORO-ALUMINATE GLASS FIBER	2903
<i>S. Kajikawa ; T. Terao ; S. Motokoshi ; M. Yoshida ; O. Ishii ; M. Yamazaki ; Y. Fujimoto</i>	
RECORD EFFICIENCY OF A HOLMIUM-DOPED SILICA FIBRE LASER	2905
<i>Alexander Henning ; Nikita Simakov ; Michael Oermann ; Adrian Carter ; John Haub</i>	
LASER-DIODE-PUMPED TUNABLE TI:SAPPHIRE CRYSTAL FIBER LASER	2907
<i>Shih-Chang Wang ; Tzu-Te Yang ; Teng-I Yang ; Tuan-Shu Ho ; Sheng-Lung Huang</i>	
LASER-CONVERSION FROM A RED LASER-DIODE (687-NM) TO IR (806-NM) BY USING A TM³⁺-DOPED ZBLAN OPTICAL FIBER	2909
<i>M. Juárez-Hernández ; E. B. Mejía</i>	
MECHANICALLY FLEXIBLE PHOTONIC-CRYSTAL CAVITIES ON STRAINED GERMANIUM FABRICATED BY NANOMEMBRANE ASSEMBLY	2911
<i>Jian Yin ; Xiaorui Cui ; Xiaowei Wang ; Max G. Lagally ; Roberto Paiella</i>	
OBSERVATION OF LOCALIZED FLAT-BAND STATES AND DIFFRACTION-FREE IMAGE TRANSMISSION IN KAGOME PHOTONIC LATTICES	2913
<i>Yuan yuan Zong ; Shiqiang Xia ; Yi Hu ; Daohong Song ; Liqin Tang ; Zhigang Chen</i>	
COMPLETE BANDGAP IN THREE-DIMENSIONAL CHIRAL GYROID PHOTONIC CRYSTALS FOR TOPOLOGICAL PHOTONICS	2915
<i>E. Goi ; Z. J. Yue ; B. P. Cumming ; M. Gu</i>	
SUBSTRATE-INDEPENDENT LIGHT CONFINEMENT IN BUTTERFLY-INSPIRED PHOTONIC CRYSTAL SLABS	2917
<i>Emma C. Regan ; Yichen Shen ; Josue J. Lopez ; Chia Wei Hsu ; Bo Zhen ; John D. Joannopoulos ; Marin Soljacic</i>	
COHERENT DIFFRACTION IMAGING OF BURIED NANOSTRUCTURES IN A REFLECTION GEOMETRY WITH EXTREME ULTRAVIOLET LIGHT	2919
<i>Christina L. Porter ; Elisabeth R. Shanblatt ; Dennis F. Gardner ; Giulia F. Mancini ; Robert M. Karl ; Michael D. Tanksalvala ; Charles S. Bevis ; Henry C. Kapteyn ; Margaret M. Murnane ; Daniel E. Adams</i>	
EFFECTS OF NON-INSTANTANEOUS NONLINEAR ABSORPTION IN HYDROGENATED AMORPHOUS SILICON	2921
<i>Xiaoge Zeng ; Tho Tran ; Jason S. Pelc ; Dave Kielpinski ; Raymond G. Beausoleil</i>	
TIME-DOMAIN INTERFEROMETRIC CHARACTERIZATION OF NONLINEAR AND THERMAL-INDUCED PHASE-SHIFT IN SILICON WAVEGUIDES	2923
<i>Ivan Aldaya ; Andres Gil-Molina ; Hugo L. Fragnito ; Paulo Dainese</i>	
NOVEL CHARACTERIZATION OF PHOTODIODE INTERMODULATION DISTORTION	2925
<i>M. N. Hutchinson ; N. J. Frigo ; J. R. Peasant</i>	
BOUND STATE IN THE CONTINUUM NANOPHOTONIC LASER	2927
<i>A. Kodigala ; T. Lepetit ; Q. Gu ; B. Bahari ; Y. Fainman ; B. Kanté</i>	
FIBER TAPER-COUPLED MICRO BOTTLE LASERS	2929
<i>Shahab Bakhtiari Gorajoobi ; Ganapathy Senthil Murugan ; Michalis N. Zervas</i>	
SOFT LITHOGRAPHY OF 3D POLYMERIC LASERS AND CAVITIES	2931
<i>Ofar Bar-On ; Philipp Brenner ; Tobias Stiegle ; Raz Gvishi ; Sarah Krämmmer ; Heinz Kalt ; Uli Lemmer ; Jacob Scheuer</i>	
GAN-BASED PHOTONIC-CRYSTAL THERMAL EMITTERS OPERATING IN THE MIDDLE-WAVELENGTH INFRARED RANGE	2933
<i>Dongyeon Daniel Kang ; Takuya Inoue ; Takashi Asano ; Susumu Noda</i>	
SILICON-PLASMONIC PHOTOMIXER FOR GENERATION AND HOMODYNE RECEPTION OF CONTINUOUS-WAVE THZ RADIATION	2935
<i>T. Harter ; S. Muehlbrandt ; S. Ummethala ; A. Schmid ; A. Bacher ; L. Hahn ; M. Kohl ; W. Freude ; C. Koos</i>	
BLACK PHOSPHORUS PHOTODETECTOR ON SILICON PHOTONIC AND PLASMONIC HYBRID PLATFORM	2937
<i>Che Chen ; Nathan Youngblood ; Daniel Mohr ; Daehan Yoo ; Timothy Johnson ; Ruoming Peng ; Sang-Hyun Oh ; Mo Li</i>	

VERTICAL GERMANIUM NANOWIRE PHOTODETECTORS WITH SUSPENDED GRAPHENE TOP CONTACT	2939
<i>Shi-Qiang Li ; Jacopo Frigerio ; Daniel Chrastina ; Giovanni Isella ; Amit Solanki ; Wuzhou Song ; Changxi Zheng ; Kenneth B. Crozier</i>	
POLARIZATION DEPENDENCE OF AVALANCHE MULTIPLICATION FACTOR IN 1.5 μM QUANTUM DOT WAVEGUIDE PHOTODETECTOR	2941
<i>T. Umezawa ; K. Akahane ; A. Matsumoto ; A. Kanno ; N. Yamamoto ; T. Kawanishi</i>	
DUAL-OPTICAL-CARRIER 1-TBPS CHANNEL TRANSMISSION OVER 4,400-KM USING RF SUB-BAND MULTIPLEXING	2943
<i>Yue-Kai Huang ; Shaoliang Zhang ; Fatih Yaman ; Takanori Inoue ; Eduardo Mateo ; Yoshihisa Inada ; Ting Wang ; Takaaki Ogata</i>	
LONG-HAUL COHERENT TRANSMISSION USING A SILICON NITRIDE MICRORESONATOR-BASED FREQUENCY COMB AS WDM SOURCE	2945
<i>Attila Fülöp ; Mikael Mazur ; Tobias A. Eriksson ; Peter A. Andrekson ; Victor Torres-Company ; Pei-Hsun Wang ; Yi Xuan ; Dan E. Leaird ; Minghao Qi ; Andrew M. Weiner</i>	
OVERCOMING EEPN IN COHERENT TRANSMISSION SYSTEMS	2947
<i>Aditya Kakkar ; Miguel Iglesias Olmedo ; Oskars Ozolins ; Jaime Rodrigo Navarro ; Xiaodan Pang ; Richard Schatz ; Hadrien Louchet ; Gunnar Jacobsen ; Sergei Popov</i>	
DISPERSION PRE-COMPENSATION FOR NFT-BASED OPTICAL FIBER COMMUNICATION SYSTEMS	2949
<i>Iman Tavakkolnia ; Majid Safari</i>	
SPECTRALLY-EFFICIENT DIRECT DETECTION OF QAM SIGNAL BY ORTHOGONAL CARRIER INTERLEAVING	2951
<i>Jizong Peng ; Boyu Liu ; Jiayang Wu ; Qingming Zhu ; Ciyuan Qiu ; Yong Zhang ; Ruili Liu ; Christine Tremblay ; Yikai Su</i>	
QUASI-SINGLE-MODE TRANSMISSION FOR LONG-HAUL AND SUBMARINE OPTICAL COMMUNICATIONS	2953
<i>John D. Downie ; Michal Mejnek ; William A. Wood ; Jason Hurley ; Aramais Zakharian ; Ioannis Roudas ; Snigdharaj Mishra ; Fatih Yaman ; Shaoliang Zhang ; Ezra Ip ; Yue-Kai Huang</i>	
HYBRID CMOS-COMPATIBLE MATERIAL AND DEVICE PLATFORM FOR INTEGRATED NANOPHOTONICS	2955
<i>Amir H. Hosseinnia ; Hesam Maoradinejad ; Majid Sodagar ; Ali A. Eftekhar ; Ali Adibi</i>	
FREQUENCY NOISE REDUCTION OF HETEROGENEOUS SI/III-V LASERS LOCKED TO ULTRA-HIGH Q Si_3N_4 RESONATORS	2956
<i>Daryl T. Spencer ; Michael L. Davenport ; Tin Komljenovic ; Sudharsanan Srinivasan ; John E. Bowers</i>	
HETEROGENEOUS SILICON/INP SEMICONDUCTOR OPTICAL AMPLIFIERS WITH HIGH GAIN AND HIGH SATURATION POWER	2958
<i>Michael L. Davenport ; Sandra Skendzic ; Nicolas Volet ; John E. Bowers</i>	
SEMICONDUCTOR OPTICAL AMPLIFIERS AT 2.0-μM WAVELENGTH HETEROGENEOUSLY INTEGRATED ON SILICON	2960
<i>Nicolas Volet ; Alexander Spott ; Eric J. Stanton ; Michael L. Davenport ; Jon Peters ; Jerry Meyer ; John E. Bowers</i>	
3D INTEGRATED SILICON PHOTONIC EXTERNAL CAVITY LASER	2962
<i>Bowen Song ; Cristian Stagaescu ; Warren Jin ; Payam Abolghasem ; Sasa Ristic ; Nathan Bickel ; Jason Bowker ; Alex Behfar ; Jonathan Klamkin</i>	
3D INTEGRATED PHOTONIC TECHNOLOGIES FOR FUTURE FUNCTIONAL MICROSYSTEMS	2964
<i>S. J. Ben Yoo</i>	
RECORD ULTRA-LOW PHASE NOISE 12 GHZ SIGNAL GENERATION WITH A FIBER OPTICAL FREQUENCY COMB AND MEASUREMENT	2966
<i>Xiaopeng Xie ; Romain Bouchand ; Daniele Nicolodi ; Michele Giunta ; Wolfgang Hänsel ; Matthias Lezius ; Ronald Holzwarth ; Abhay Joshi ; Shubhashish Datta ; Christophe Alexandre ; Pierre-Alain Tremblin ; Giorgio Santarelli ; Yann Le Coq</i>	
SYNCHRONOUS MODE-LOCKED LASER NETWORK WITH SUB-FS JITTER AND MULTI-KM DISTANCE	2968
<i>Kemal Safak ; Ming Xin ; Michael Y. Peng ; Franz X. Kärtner</i>	
OPTICAL SYNCHRONIZATION OF CLOCKS ACROSS A 12-KM TURBULENT AIR PATH OVER A CITY	2970
<i>L. C. Sinclair ; H. Bergeron ; W. C. Swann ; C. W. Nelson ; I. Coddington ; E. Baumann ; F. R. Giorgetta ; I. Khader ; M. Cermak ; N. R. Newbury ; K. G. Petrillo ; J. C. Juarez ; K. T. Souza ; M. L. Dennis ; J. -D. Deschenes</i>	
REMOTE SYNCHRONIZATION OF A MICROWAVE CLOCK TO AN OPTICAL CLOCK AT THE FEMTOSECOND LEVEL	2972
<i>Hugo Bergeron ; Laura C. Sinclair ; William C. Swann ; Craig W. Nelson ; Jean-Daniel Deschenes ; Esther Baumann ; Fabrizio R. Giorgetta ; Ian Coddington ; Nathan R. Newbury</i>	
HIGH PRECISION SYNCHRONIZATION OF A LARGE-SCALE MICROWAVE NETWORK OVER STABILIZED FIBER LINKS	2974
<i>Wenting Wang ; Aram Kalaydzhyan ; Kemal Safak ; Ming Xin ; Michael Y. Peng ; Kwangyun Jung ; Jungwon Kim ; Franz X. Kärtner</i>	
PRECISION MULTI-NODE MICROWAVE FREQUENCY DISSEMINATION USING FEED-FORWARD COMPENSATION TECHNIQUE	2976
<i>Yifan Cui ; Xing Chen ; Jinlong Lu ; Xing Lu ; Cheng Ci ; Xuesong Zhang ; Bo Liu ; Hong Wu ; Tingsong Tang ; Kebin Shi ; Zhigang Zhang</i>	
ALL-FIBER REPETITION-RATE STABILIZATION OF MODE-LOCKED LASERS TO 1.7×10^{-13} INSTABILITY WITH SUB-FS INTEGRATED JITTER	2978
<i>Kwangyun Jung ; Dohyeon Kwon ; Chan-Gi Jeon ; Jungwon Kim</i>	
AM-TO-PM CONVERSION IN SILICON P-I-N PHOTODIODES	2980
<i>Lanbing Kang ; Brian H. Kolner</i>	

ACTIVE, LARGE-SCALE TUNING OF OPTICAL DISPERSION BY FREE-SPACE ANGULAR-CHIRP-ENHANCED DELAY (FACED)	2982
<i>Jianglai Wu ; Yiqing Xu ; Xiaoming Wei ; Jingjiang Xu ; Antony C. S. Chan ; Edmund Y. Lam ; Kenneth K. Y. Wong ; Kevin K. Tsia</i>	
COHERENT PULSE STACKING EXTENSION OF CPA TO 9NS EFFECTIVELY-LONG STRETCHED PULSE DURATION	2984
<i>John Ruppe ; Siyun Chen ; Tong Zhou ; Morteza Sheikhsofla ; Zhigang Zhang ; Guoqing Chang ; Franz Kärtner ; John Nees ; Almantas Galvanauskas</i>	
COHERENT CONTROL BY SHAPED PULSES IN ROOM TEMPERATURE INAS/INP QUANTUM DOT OPTICAL AMPLIFIERS	2986
<i>O. Karni ; A. K. Mishra ; G. Eisenstein ; V. Ivanov ; J. P. Reithmaier</i>	
RECIPROCAL WAVEFORMS AT THROUGH AND DROP PORTS IN MICROCOMB GENERATION	2988
<i>Xiaoxiao Xue ; Yi Xuan ; Pei-Hsun Wang ; Yang Liu ; Jose A. Jaramillo-Villegas ; Cong Wang ; Daniel E. Leaird ; Minghao Qi ; Andrew M. Weiner</i>	
INTEGRATED OPTICAL PULSE SHAPING: SOA AMPLITUDE CONTROL AND SUB-MICROSECOND SWITCHING OF 32 CHANNELS AT 25 GHZ SPACING	2990
<i>Andrew J. Metcalf ; Daniel E. Leaird ; Jose A. Jaramillo-Villegas ; Vikrant Lal ; Amir Hosseini ; Gloria E. Hoefler ; Fred Kish ; Andrew M. Weiner</i>	
INTERFEROMETRIC SIGNAL RETRIEVAL IN SINGLE-BEAM COHERENT ANTI-STOKES RAMAN SCATTERING	2992
<i>Yujie Shen ; Dmitri V. Voronine ; Alexei V. Sokolov ; Marlan O. Scully</i>	
TERAHERTZ-DRIVEN, SUB-KEV ELECTRON GUN	2994
<i>W. Ronny Huang ; Arya Fallahi ; Xiaojun Wu ; Emilio A. Nanni ; Huseyin Cankaya ; Anne-Laure Calendron ; Dongfang Zhang ; Koustuban Ravi ; Kyung-Han Hong ; Franz X. Kärtner</i>	
EFFICIENT SCALABLE MONOLITHIC SEMICONDUCTOR HIGH-ENERGY TERAHERTZ PULSE SOURCE	2996
<i>J. A. Fülöp ; Gy. Polónyi ; B. Monoszlai ; G. Andriukaitis ; T. Balciunas ; A. Pugzlys ; G. Arthur ; A. Baltuska ; J. Hebling</i>	
ENHANCEMENT OF TERAHERTZ GENERATION BY USING A CIRCULARLY-POLARIZED TWO-COLOR FIELD	2998
<i>Chao Meng ; Yindong Huang ; Wenbo Chen ; Xiaowei Wang ; Zhihui Lü ; Dongwen Zhang ; Zengxiu Zhao ; Jianmin Yuan</i>	
INTENSE TERAHERTZ FIELD GENERATION VIA TWO-COLOR LASER FILAMENTATION AT 1 KHZ REPETITION RATES	3000
<i>Yung Jun Yoo ; Donghoon Kuk ; Ki-Yong Kim</i>	
ENHANCEMENT OF INTENSITY OF ULTRABROADBAND COHERENT INFRARED PULSES GENERATED FROM AIR PLASMA BY CONTROLLING POLARIZATION OF DRIVING PULSES	3002
<i>Eiichi Matsubara ; Masaya Nagai ; Masaaki Ashida</i>	
HIGH-PERFORMANCE TERAHERTZ SOURCE BASED ON A BIMODAL LASER DIODE AND A PLASMONIC PHOTOMIXER	3004
<i>S. -H. Yang ; R. Watts ; X. Li ; N. Wang ; V. Cojocaru ; J. O'Gorman ; L. P. Barry ; M. Jarrahi</i>	
A HIGH-POWER PHOTOMIXER WITH PLASMONIC CONTACT ELECTRODES	3006
<i>Shang-Hua Yang ; Mona Jarrahi</i>	
HIGH EFFICIENCY PASSIVELY MODE-LOCKED ND:YVO₄ LASER WITH DIRECT IN-BAND PUMPING AT 914 NM	3008
<i>Tanant Waritanant ; Arkady Major</i>	
5.3 W AVERAGE OUTPUT POWER MHZ Q-SWITCHED YB:YAG CHANNEL WAVEGUIDE LASER DELIVERING ~1 µJ PULSE ENERGY	3010
<i>Sargis Hakobyan ; Valentin J. Wittwer ; Kore Hasse ; Christian Kränkel ; Thomas Südmeyer ; Thomas Calmano</i>	
750-NM LED-PUMPED ND:YAG LASER WITH 9% OPTICAL EFFICIENCY	3012
<i>Kuan-Yan Huang ; Cheng-Kuo Su ; Meng-Wei Lin ; Yu-Chung Chiu ; Yen-Chieh Huang</i>	
YB:YAG THIN-DISK MULTI-PASS AMPLIFICATION SYSTEM WITH IMAGE RELAY	3014
<i>Yoshihiro Ochi ; Keisuke Nagashima ; Momoko Maruyama</i>	
BIOMEDICAL OPTICAL FIBER SENSORS AND APPLICATIONS	3016
<i>Alexis Mendez</i>	
ULTRA-WIDE C- AND L-BAND MODE-LOCKED ERBIUM-DOPED FIBER RING LASER AND ITS APPLICATION IN ULTRAFAST MICROSCOPY	3018
<i>Jiqiang Kang ; Xiaoming Wei ; Sisi Tan ; Anson H. L. Tang ; Kevin K. Tsia ; Kenneth K. Y. Wong</i>	
ALL-FIBER STED MICROSCOPY ILLUMINATION SYSTEM	3020
<i>Lu Yan ; Poul Kristensen ; Siddharth Ramachandran</i>	
GRAPHENE ENHANCED SURFACE PLASMON RESONANCE FIBER-OPTIC BIOSENSOR	3022
<i>Nancy Meng Ying Zhang ; Kaiwei Li ; Perry Ping Shum ; Xuechao Yu ; Shuwen Zeng ; Zhifang Wu ; Qi Jie Wang ; Ken Tye Yong ; Lei Wei</i>	
DISSIPATIVE SOLITON RESONANCE IN THULIUM-DOPED FIBER LASER AND ITS APPLICATION FOR MICROSCOPY	3024
<i>Sisi Tan ; Xiaoming Wei ; Jiqiang Kang ; Kenneth K. Y. Wong</i>	
QUANTITATIVE CHARACTERISATION OF ENDOSCOPIC IMAGING FIBRES	3026
<i>H. A. C. Wood ; J. M. Stone ; K. Harrington ; T. A. Birks ; J. C. Knight</i>	
FIBER OPTIC SPR NANOSENSOR FOR ERYTHROMYCIN DETECTION USING MOLECULARLY IMPRINTED NANOPARTICLES	3028
<i>Banshi D. Gupta ; Anand M. Shrivastav ; Sruthi P. Usha</i>	
HIGH POWER FIBER LASERS WITH RADially POLARIZED OUTPUT BEAMS	3030
<i>W. Andrew Clarkson ; Di Lin ; Martynas Beresna ; Peter G. Kazansky ; Peter C. Shardlow</i>	

THE IMPACT OF THERMAL MODE INSTABILITY ON CORE DIAMETER SCALING IN HIGH-POWER FIBER AMPLIFIERS	3032
<i>Jordan P. Leidner ; John R. Marciante</i>	
COHERENT BEAM COMBINING IN ER³⁺ DOPED MULTICORE FIBER WITH 1480NM CORE PUMPING	3034
<i>Florian Prévost ; Laurent Lombard ; Marc Hanna ; Lourdes Patricia Ramirez ; Laurent Bigot ; Geraud Bouwmans</i>	
DELAY LINE COHERENT PULSE STACKING	3036
<i>Henrik Tünnermann ; Akira Shirakawa</i>	
87-W, 1018-NM YB-FIBER ULTRAFAST SEEDING SOURCE FOR CRYOGENIC YB:YLF AMPLIFIER	3038
<i>Yi Hua ; Wei Liu ; Michael Hemmer ; Luis E. Zapata ; Gengji Zhou ; Damian N. Schimpf ; Tino Eidam ; Jens Limpert ; Andreas Tünnermann ; Franz X. Kärtner ; Guoqing Chang</i>	
HIGH PEAK POWER ERBIUM-YTTERBIUM SINGLE FREQUENCY PULSED FIBER AMPLIFIER USING A COMPRESSIVE STRAIN GRADIENT	3040
<i>G. Canat ; S. Makon-Makon ; L. Lombard ; J. Le Gouët ; A. Durecu</i>	
A 186-WATT ALL-FIBER SINGLE-STAGE SUPERFLUORESCENT SOURCE	3042
<i>Jianqiu Cao ; Yingye An ; Zhiyong Pan ; Zhihe Huang ; Yu Yu ; Shaofeng Guo ; Jinbao Chen</i>	
HIGH-SPEED INP-BASED QUANTUM DOT LASERS WITH LOW TEMPERATURE SENSITIVITY	3044
<i>O. Eyal ; G. Eisenstein ; S. Banyoudeh ; A. Abdollahinia ; F. Schnabel ; J. P. Reithmaier</i>	
HIGHLY EFFICIENT YB³⁺-DOPED CAF₂LAf₃ CERAMIC LASER	3046
<i>Shotaro Kitajima ; Yuki Higashi ; Hiroaki Nakao ; Akira Shirakawa ; Ken-Ichi Ueda ; Yoshinobu Ezura ; Hitoshi Ishizawa</i>	
RECORD-HIGH OPTICAL GAIN IN A SINGLE CRYSTAL ERBIUM CHLORIDE SILICATE NANOWIRE AT 1532 NM	3048
<i>Hao Sun ; Zhicheng Liu ; Xue Feng ; Yize Zheng ; Yongzhuo Li ; Jianxing Zhang ; Cun-Zheng Ning</i>	
QUANTUM WELL INTERMIXING IN 2 μM INGAAS MULTIPLE QUANTUM WELL STRUCTURES	3050
<i>J. Baig ; B. Roycroft ; J. O'Callaghan ; C. Robert ; N. Ye ; M. Gleeson ; A. Gocalinska ; E. Pelucchi ; P. Townsend ; B. Corbett</i>	
AR IMPLANTATION-INDUCED QUANTUM DOT INTERMIXING TECHNIQUE FOR 1550 NM-BAND HIGHLY STACKED QD PHOTONIC INTEGRATED CIRCUIT	3052
<i>A. Matsumoto ; Y. Takei ; K. Akahane ; S. Matsui ; T. Umezawa ; N. Yamamoto ; Y. Matsushima ; K. Utaoka</i>	
EFFICIENT ELECTROLUMINESCENCE FROM III/V QUANTUM-WELL-IN-NANOPILLAR LIGHT EMITTING DIODES DIRECTLY GROWN ON SILICON	3054
<i>Indrasen Bhattacharya ; Saniya Deshpande ; Gilliard N Malheiros-Silveira ; Connie Chang-Hasnain</i>	
A SINGLE INN NANOPILLAR PHOTODETECTOR WITH EXTENDED INFRARED RESPONSE GROWN BY MOCVD	3056
<i>Lung-Hsing Hsu ; Chien-Ting Kuo ; Yuh-Jen Cheng ; Kuan-Chao Chen ; Hao-Chung Kuo ; Shih-Yen Lin ; Chien-Chung Lin</i>	
IMPACT OF TEMPERATURE ON SPATIAL HOLE BURNING AND MODULATION BANDWIDTH OF REFLECTIVE SEMICONDUCTOR OPTICAL AMPLIFIERS	3058
<i>Anaëlle Maho ; Karim Mekhazni ; Sophie Barbet ; François Lelarge ; Romain Brenot</i>	
SHAPING LIGHT WITH NONLINEAR METASURFACES	3060
<i>Shay Keren-Zur ; Ori Avayu ; Lior Michaeli ; Tal Ellenbogen</i>	
ACTIVE DIELECTRIC ANTENNA FOR PHASE ONLY SPATIAL LIGHT MODULATION	3062
<i>Yu Horie ; Amir Arbabi ; Ehsan Arbabi ; Seyedeh Mahsa Kamali ; Andrei Faraon</i>	
SUPER-DISPERSIVE OFF-AXIS META-LENSES FOR HIGH RESOLUTION SPECTROSCOPY	3064
<i>W. T. Chen ; M. Khorasaninejad ; J. Oh ; F. Capasso</i>	
ELECTROMECHANICALLY TUNABLE 3D NANO-SPLIT-RING ARRAY FOR DYNAMIC CONTROL OF LIGHT	3066
<i>Yifei Mao ; Weihua Zhang ; Wengang Wu ; Jun Xu</i>	
TUNABLE DIELECTRIC METASURFACES USING ELASTIC SUBSTRATES	3068
<i>Seyedeh Mahsa Kamali ; Ehsan Arbabi ; Amir Arbabi ; Yu Horie ; Andrei Faraon</i>	
ABERRATION CORRECTED METASURFACE DOUBLET LENS	3070
<i>Amir Arbabi ; Ehsan Arbabi ; Yu Horie ; Seyedeh Mahsa Kamali ; Seunghoon Han ; Andrei Faraon</i>	
DIELECTRIC METASURFACE NARROWBAND FILTER ARRAY	3072
<i>Yu Horie ; Amir Arbabi ; Ehsan Arbabi ; Seyedeh Mahsa Kamali ; Andrei Faraon</i>	
8.32 TBIT/S COHERENT TRANSMISSION USING A QUANTUM-DASH MODE-LOCKED LASER DIODE	3074
<i>P. Marin ; J. Pfeifle ; J. N. Kemal ; S. Wolf ; K. Vijayan ; N. Chimot ; A. Martinez ; A. Ramdane ; F. Lelarge ; W. Freude ; C. Koos</i>	
EFFECTIVE SYMBOL-AMPLITUDE SCALING SCHEME IN DD-OFDM TRANSMITTER WITH 4.3-DB RECEIVER-SENSITIVITY IMPROVEMENT	3076
<i>Jizong Peng ; Boyu Liu ; Jiayang Wu ; Qingming Zhu ; Ciyuan Qiu ; Yong Zhang ; Ruili Liu ; Christine Tremblay ; Yikai Su</i>	
2×2 POLMUX-MIMO ROF SYSTEM EMPLOYING INTERFERENCE CANCELLATION BASED OFDM/OQAM TECHNIQUE	3078
<i>Jiale He ; Lei Deng ; Cong Zhou ; Lu Shi ; Mengfan Cheng ; Ming Tang ; Songnian Fu ; Minming Zhang ; Deming Liu ; Perry Ping Shum</i>	
BACK PROPAGATION ISOLATION DESIGN IN A CARRIER CENTRALIZATION WDM IFOF FIBER-WIRELESS CONVERGENCE	3080
<i>You-Wei Chen ; Jih-Heng Yan ; Yu-Mao Wang ; Mu-Fan Chang ; Kai-Ming Feng</i>	
MULTI-STRATUM RESOURCES OPTIMIZATION FOR CLOUD-BASED RADIO OVER FIBER NETWORKS	3082
<i>Hui Yang ; Wei Bai ; Yuanlong Tan ; Yongli Zhao ; Jie Zhang ; Yuefeng Ji ; Young Lee</i>	
OPTICALLY CONTROLLED MICROWAVE PHOTONIC DUAL-BAND FILTER WITH ULTRAFAST RECONFIGURABLE CAPABILITY	3084
<i>Jia Ge ; Alexander Kaleikaumaka Mathews ; Mable P. Fok</i>	

LOW EXCESS NOISE $\text{Al}_x\text{In}_{1-x}\text{As}_y\text{Sb}_{1-y}$ (X: 0.3–0.7) AVALANCHE PHOTODIODES	3086
<i>M. Ren ; S. J. Maddox ; M. E. Woodson ; Y. Chen ; S. R. Bank ; J. C. Campbell</i>	
WIDE BANDWIDTH (30 GHZ) SLAB-COUPLED OPTICAL WAVEGUIDE PHOTODIODES	3088
<i>Siva S. Yegnanarayanan ; Jason J. Plant ; Douglas C. Oakley ; Antonio Napoleone ; Frederick J. O'Donnell ; Leo J. Missaggia ; Mark Hollis ; Paul W. Juodawlkis</i>	
DESIGN AND FABRICATION OF A MULTISPECTRAL INFRARED METAMATERIAL DETECTOR	3090
<i>John Montoya ; Andrew Cardin ; Zhao-Bing Tian ; Sanjay Krishna ; Willie Padilla</i>	
WAVEGUIDE INTEGRATED BALANCED MUTC PHOTODIODE	3092
<i>Patrick Runge ; Gan Zhou ; Shahram Keyvaninia ; Sten Seifert ; Willi Ebert ; Angela Seeger ; Qinglong Li ; Andreas Beling</i>	
67 GHZ UNI-TRAVELING CARRIER PHOTODETECTOR ON AN INP-MEMBRANE-ON-SILICON PLATFORM	3094
<i>L. Shen ; Y. Jiao ; W. Yao ; Z. Cao ; J. Van Der Tol ; G. Roelkens ; M. Smit</i>	
MODELLING SUPERCONDUCTING NANOWIRE SINGLE PHOTON DETECTORS IN A WAVEGUIDE-BASED RESONATOR	3096
<i>Nicola A. Tyler ; Jorge Barreto ; Gerardo E. Villarreal-Garcia ; Damien Bonneau ; Döndü Sahin ; Jeremy L. O'Brien ; Mark G. Thompson</i>	
SYSTEMATIC STUDY OF SI-BASED $\text{Ge}/\text{Ge}_{0.9}\text{Sn}_{0.1}/\text{Ge}$ PHOTODIODES WITH 2.6 μm DETECTOR CUTOFF	3098
<i>Thach Pham ; Wei Du ; Huong Tran ; Joe Margetis ; John Tolle ; Greg Sun ; Richard A. Soref ; Hameed A. Naseem ; Baohua Li ; Mansour Mortazavi ; Shui-Qing Yu</i>	
BROADBAND, HIGH-RESOLUTION QUANTUM CASCADE LASER MULTI-HETERODYNE SPECTROSCOPY FOR IN-SITU AND REMOTE CHEMICAL DETECTION	3100
<i>Gerard Wysocki</i>	
2-μm DIRECT DETECTION DIFFERENTIAL ABSORPTION LIDAR FOR MULTI-SPECIES ATMOSPHERIC SENSING	3101
<i>Erwan Cadiou ; Jean-Baptiste Dherbecourt ; Guillaume Gorju ; Myriam Raybaut ; Jean-Michel Melkonian ; Antoine Godard ; Jacques Pelon ; Michel Lefebvre</i>	
CO_2 SOUNDER LIDAR DEVELOPMENT AT NASA-GSFC FOR THE ASCENDS MISSION	3103
<i>Graham R. Allan ; James B. Abshire ; Mark A. Stephen ; Anand Ramanathan ; Haris Riris ; William Hasselbrack ; Jeffrey Chen ; Anthony Yu ; Xiaoli Sun ; Kenji Numata ; Stewart Wu</i>	
LATERAL TRANSFER RECIRCULATING ETALON RECEIVER FOR METHANE SPECTROSCOPY	3105
<i>Mark A. Stephen ; Molly E. Fahey</i>	
REMOTE DETECTION OF URANIUM BY FS-FILAMENTATION LASER ABLATION MOLECULAR ISOTOPIC SPECTROMETRY	3107
<i>Kyle C. Hartig ; Isaac Ghebregziabher ; Igor Jovanovic</i>	
TWO-DIMENSIONAL FLUORESCENCE SPECTROSCOPY OF AL IN LASER-PRODUCED PLASMAS	3109
<i>Sivanandan S. Harilal ; Mark C. Phillips</i>	
TUNABLE LASER ABSORPTION SPECTROSCOPY OF URANIUM IN FEMTOSECOND LASER ABLATION PLASMAS	3111
<i>Mark C. Phillips ; Sivanandan S. Harilal ; Jeremy Yeak</i>	
OPTOELECTRONIC THZ FREQUENCY SYNTHESIZER BASED ON A MULTIPLE LASER PHOTONIC INTEGRATED CIRCUIT	3113
<i>Junjie Xu ; Lianping Hou ; Qiufang Deng ; Liangshun Han ; Song Liang ; Hongliang Zhu ; John H. Marsh</i>	
ALVAREZ OPTICAL COMPONENTS IN THE THZ REGIME	3115
<i>J. C. Balzer ; S. F. Busch ; G. Bastian ; G. Town ; M. Koch</i>	
PHOTO-GENERATED THZ RESONANCES AND SURFACES WAVES	3117
<i>Martijn C. Schaafsma ; Giorgos Georgiou ; Jaime Gómez Rivas</i>	
SWITCHABLE SPOOF SURFACE PLASMON POLARITON SLOW LIGHT STRUCTURES	3119
<i>Andreas K. Klein ; Dagou Zeze ; Claudio Balocco ; Andrew Gallant</i>	
TERAHERTZ GROUP VELOCITY DISPERSION MANAGEMENT THROUGH INTEGRATION OF A HYBRID MODE SECTION INTO A METAL-METAL WAVEGUIDE	3121
<i>Tobias Fobbe ; Sergej Markmann ; Felix Fobbe ; Negar Hekmat ; Hanond Nong ; Shovon Pal ; Patrick Balzerowski ; Janne Savolainen ; Martina Havenith ; Andreas D. Wieck ; Nathan Jukam</i>	
EFFICIENT UP-CONVERSION OF WEAK THZ SIGNALS INTO THE OPTICAL DOMAIN USING A WHISPERING GALLERY MODE RESONATOR	3123
<i>Florian Sedlmeir ; Alfredo Rueda ; Sascha Preu ; L. Enrique García-Muñoz ; Harald G. L. Schwefel</i>	
DEVELOPMENT OF A MULTICHANNEL TIME-TO-SPACE THZ SPECTROMETER	3125
<i>E. Stübling ; S. F. Busch ; J. C. Balzer ; M. Koch</i>	
GHZ MODULATION BANDWIDTH FROM SINGLE-LONGITUDINAL MODE VIOLET-BLUE VCSEL USING NONPOLAR INGAN/GAN QWS	3127
<i>Chao Shen ; John T. Leonard ; Erin C. Young ; Tien Khee Ng ; Steven P. Denbaars ; James S. Speck ; Shuji Nakamura ; Ahmed Y. Alyamani ; Munir M. El-Desouki ; Boon S. Ooi</i>	
TUNABLE HIGH-POWER NARROW-LINEWIDTH GREEN EXTERNAL-CAVITY GAN DIODE LASER	3129
<i>Mingjun Chi ; Ole Bjarlin Jensen ; Paul Michael Petersen</i>	
A TUNABLE HYBRID LASER WITH ULTRA-HIGH TUNING EFFICIENCY	3131
<i>Di Liang ; Xue Huang ; Geza Kurczveil ; Marco Fiorentino ; Raymond G. Beausoleil</i>	
INTEGRATION OF III-V NANOPILLAR RESONATOR TO IN-PLANE SILICON WAVEGUIDES	3133
<i>Gilliard N Malheiros-Silveira ; Fanglu Lu ; Indrasen Bhattacharya ; Thai-Truong D. Tran ; Hao Sun ; Connie Chang-Hasnain</i>	
ERBIUM-DOPED MID-INFRARED FIBER LASERS	3135
<i>Ori Henderson-Sapir ; Stuart. D. Jackson ; Andrew Malouf ; Martin Gorjan ; Jesper Munch ; David J. Ottaway</i>	

LINE-TUNABLE CW LASING OF MID-INFRARED ACETYLENE GAS HOLLOW CORE FIBER LASER	3137
<i>Fei Yu ; Muhammad Rosdi Abu Hassan ; William Wadsworth ; Jonathan Knight</i>	
ERBIUM-DOPED ALL-FIBER LASER OPERATING AT 3.44 μM: EXPERIMENTAL AND NUMERICAL STUDIES	3139
<i>Vincent Fortin ; Frédéric Maes ; Martin Bernier ; Réal Vallée</i>	
CHALCOGENIDE-BASED OPTICAL PARAMETRIC OSCILLATOR	3141
<i>Nurmemet Abdurkerim ; Lizhu Li ; Martin Rochette</i>	
NARROW-LINEWIDTH MID-INFRARED COHERENT SOURCES BASED ON FIBER-AMPLIFIED ER:ZBLAN MICROSPHERICAL LASERS	3143
<i>Behsan Behzadi ; Ravinder K. Jain ; Mani Hossein-Zadeh</i>	
SMALL CORE CHALCOGENIDE PHOTONIC CRYSTAL FIBER FOR MID-INFRARED WAVELENGTH CONVERSION: EXPERIMENT AND DESIGN	3145
<i>Sida Xing ; Davide Grassani ; Svyatoslav Kharitonov ; Adrien Billat ; Camille Sophie Brès</i>	
PR³⁺-DOPED MID-INFRARED CHALCOGENIDE FIBER AMPLIFIERS USING CASCADED AMPLIFICATION	3147
<i>Jonathan Hu ; Curtis R. Menyuk ; Chengli Wei ; L. Brandon Shaw ; Jasbinder S. Sanghera ; Ishwar D. Aggarwal</i>	
ELECTRO-OPTIC FREQUENCY TUNING IN DOUBLE-PRISM DOMAIN PPLN OPTICAL PARAMETRIC GENERATORS/OSCILLATORS	3149
<i>W. K. Chang ; H. P. Chung ; Y. Y. Lin ; Yen-Hung Chen</i>	
PICOSECOND MID-INFRARED OPTICAL PARAMETRIC OSCILLATOR BASED ON CYLINDRICAL MGO:PPLN	3151
<i>S. Chaitanya Kumar ; Junxiong Wei ; A Jérôme Debray ; Vincent Kemlin ; B. Boulanger ; Hideki Ishizuki ; T. Taira ; M. Ebrahim-Zadeh</i>	
BROAD TUNING OF A PICOSECOND OPTICAL PARAMETRIC OSCILLATOR BASED ON APERIODIC QUASI-PHASE MATCHING USING AN AXIALLY CHIRPED VOLUME BRAGG GRATING	3153
<i>D. Descoux ; J. -B. Dherbecourt ; G. Gorju ; J. -M. Melkonian ; M. Raybaut ; C. Drag ; A. Godard</i>	
4.3-CYCLE NEAR-INFRARED PULSES FROM A DEGENERATE 1-GHZ OPTICAL PARAMETRIC OSCILLATOR	3155
<i>Richard A. McCracken ; Derryck T. Reid</i>	
RB:PPKTP OPTICAL PARAMETRIC OSCILLATOR WITH INTRACAVITY DIFFERENCE-FREQUENCY GENERATION IN AGGASE₂	3157
<i>Nadezhda Y. Kostyukova ; Andrey A. Boyko ; Georgi M. Marchev ; Valdas Pasiskevicius ; Dmitry B. Kolker ; Andrius Zukauskas ; Valentin Petrov</i>	
EFFICIENT FAST-TUNABLE FEMTOSECOND VISIBLE RADIATION BASED ON INTRACAVITY SUM-FREQUENCY GENERATION IN A NIR NOPO	3159
<i>Yuliya Khanukaeva ; Tino Lang ; Ayhan Tajalli ; José Ricardo Andrade ; Thomas Binhammer ; Uwe Morgner</i>	
ULTRAFAST SPECTRAL SWITCHING OF A NON-COLLINEAR OPTICAL PARAMETRIC OSCILLATOR (NOPO)	3161
<i>A. Pape ; T. Binhammer ; Y. Khanukaeva ; T. Lang ; J. Ahrens ; O. Prochnow ; U. Morgner</i>	
SINGLY RESONANT OPTICAL PARAMETRIC OSCILLATOR PUMPED BY A NANOSECOND-TO-MICROSECOND PULSEWIDTH-TUNABLE SOURCE	3163
<i>G. Aoust ; C. Couvin ; X. Délen ; M. Raybaut ; J. -B. Dherbecourt ; J. -M. Melkonian ; G. Gorju ; F. Balembois ; P. Georges ; A. Godard</i>	
STUDY OF PHASE CHANGE LIPPS FORMATION IN SI BY FS-RESOLVED MICROSCOPY	3165
<i>D. Puerto ; M. Garcia-Lechuga ; J. Solis ; J. Siegel</i>	
FEMTOSECOND LASER WRITING IN LITHIUM NIOBATE	3167
<i>P. Karpinski ; V. Shvedov ; W. Krolkowski ; C. Hnatovsky</i>	
HIGHLY REGULAR NANOSTRUCTURING OF SI SURFACE BY ULTRASHORT LASER PULSES	3169
<i>Iaroslav Gnilitzkiy ; Leonardo Orazi ; Nadezhda M. Bulgakova ; Vitaly Gruzdev</i>	
PHOTOINDUCED PERIODIC NANOCRYSTALLINE STRUCTURE INSIDE AL₂O₃-R₂O₃ (R = Y, LA, DY) GLASS	3171
<i>Yasuhiko Shimotsuna ; Satoshi Mori ; Torataro Kurita ; Masaaki Sakakura ; Kiyotaka Miura</i>	
COMPUTER-GENERATED HOLOGRAMS EMBEDDED IN BULK SILICON WITH NONLINEAR LASER LITHOGRAPHY	3173
<i>Ahmet Turnali ; Onur Tokel ; Ghaith Makey ; Ihor Pavlov ; F. Ömer Ilday</i>	
LOW-LOSS SUBWAVELENGTH GRATING WAVEGUIDE BENDS BASED ON INDEX ENGINEERING	3175
<i>Zheng Wang ; Xiaochuan Xu ; D. L. Fan ; Yaguo Wang ; Ray T. Chen</i>	
BENDING PERFORMANCE OF A DENSE WAVEGUIDE SUPERLATTICE	3177
<i>Robert Gatdula ; Siamak Abbaslou ; Ming Lu ; Aaron Stein ; Wei Jiang</i>	
ON-CHIP SILICON MODE-SELECTIVE BROADBAND WAVELENGTH CONVERSION BASED ON CROSS-PHASE MODULATION	3179
<i>Ming Ma ; Lawrence R. Chen</i>	
TOPOLOGY-OPTIMIZED MODE CONVERTER IN A SILICON-ON-INSULATOR PHOTONIC WIRE WAVEGUIDE	3181
<i>Louise F. Frellsen ; Yunhong Ding ; Ole Sigmund ; Lars H. Frandsen</i>	
ORBITAL ANGULAR MOMENTUM MODE MULTIPLEXER BASED ON MULTIMODE MICRO-RING RESONATOR WITH ANGULAR GRATINGS	3183
<i>Shimao Li ; Charalambos Klitis ; Zhichao Nong ; Shengqian Gao ; Marc Sorel ; Styuan Yu ; Xinlun Cai</i>	

GENERATION OF PHOTONIC ORBITAL ANGULAR MOMENTUM SUPERPOSITION STATES USING VORTEX BEAM EMITTERS WITH SUPERIMPOSED GRATINGS	3185
<i>Qingsheng Xiao ; Charalambos Klitis ; Shimao Li ; Yueyang Chen ; Xinlun Cai ; Marc Sorel ; Siyuan Yu</i>	
COHERENT SPECTRAL CHARACTERISTICS OF PASSIVE AND ACTIVE DUAL-RACETRACK RESONATORS	3187
<i>Yating Zhou ; Robert Gatdula ; Siamak Abbaslou ; Minning Zhu ; Wei Jiang</i>	
CMOS-COMPATIBLE ZERO-INDEX METAMATERIAL	3189
<i>Daryl I. Vulis ; Yang Li ; Orad Reshef ; Mei Yin ; Philip Camayd-Muñoz ; Shota Kita ; Marko Loncar ; Eric Mazur</i>	
PRINCIPLES AND APPLICATIONS OF PHASE-SENSITIVE PARAMETRIC AMPLIFIERS	3191
<i>Colin J. McKinstrie</i>	
OPTICAL FIBER-BASED PHASE SENSITIVE AMPLIFIERS AND THEIR APPLICATION IN OPTICAL COMMUNICATION SYSTEMS	3192
<i>Peter A. Andrekson</i>	
SPATIALLY-MULTIMODE PHASE-SENSITIVE PARAMETRIC AMPLIFICATION: INVESTIGATION OF EIGENMODES WITH GAUSSIAN-BEAM PUMPING	3194
<i>Prem Kumar</i>	
10-GHZ CLOCK TIME-MULTIPLEXED DEGENERATE OPTICAL PARAMETRIC OSCILLATORS FOR COHERENT ISING MACHINE	3195
<i>Hiroki Takesue ; Takahiro Inagaki</i>	
OPTICAL FILTER OPTIMIZATION USING PHASE-SENSITIVE AMPLIFICATION WITH UNEQUALIZED SIGNAL/IDLER INPUTS	3197
<i>Anjali Agarwal ; James M. Dailey ; Colin J. McKinstrie ; Paul Toliver</i>	
COMPACT AIRY-BEAM OPTICAL SWEEP-SOURCE AT 1.0 μM	3199
<i>X. Wei ; C. Kong ; G. K. Samanta ; H. Ko ; K. K. Tsia ; K. K. Y. Wong</i>	
LENSLESS ENDOSCOPIC LIGHT DELIVERY OF INDIVIDUALLY ADDRESSABLE CHANNELS USING A MULTIMODE FIBER	3201
<i>Jürgen W. Czarske ; Daniel Haufe ; Nektarios Koukourakis ; Lars Büttner</i>	
FUSION OF LENS-FREE AND LENS-BASED MICROSCOPE IMAGES FOR ACCURATE COLOR IMAGING	3203
<i>Yibo Zhang ; Yichen Wu ; Yun Zhang ; Aydogan Ozcan</i>	
HIGH-THROUGHPUT MICROPARTICLE SCREENING BY 1-μM TIME-STRETCH OPTOFLUIDIC IMAGING INTEGRATED WITH A FIELD-PROGRAMMABLE GATE ARRAY PLATFORM	3205
<i>Bob M. F. Chung ; Ho-Cheung Ng ; Maolin Wang ; Sharat C. V. Bogaraju ; Anderson H. C. Shum ; Hayden K. H. So ; Kevin K. Tsia</i>	
WAVELENGTH SCANNING BASED PIXEL SUPER-RESOLUTION	3207
<i>Wei Luo ; Yibo Zhang ; Zoltan Göröcs ; Aydogan Ozcan</i>	
COMPUTATIONAL SINGLE-SHOT HYPER-SPECTRAL IMAGING BASED ON A MICROSTRUCTURED DIFFRACTIVE OPTIC	3209
<i>Peng Wang ; Rajesh Menon</i>	
SUPER-RESOLUTION IMAGING OF SILVER NANOSTRUCTURES ON PLASMONIC GRATING	3211
<i>Biyan Chen ; Dhananjay Suresh ; Sangho Bok ; Joseph Mathai ; Anandhi Upendran ; Raghuraman Kannan ; Keshab Gangopadhyay ; Shubhra Gangopadhyay</i>	
OPTOFLUIDIC PLASMONIC NANOLENSES: HIGH THROUGHPUT SINGLE BACTERIAL CELL SORTING	3213
<i>Xiangchao Zhu ; Ahmet Cicek ; Ahmet Ali Yanik</i>	
CONTROLLED RAPID DELIVERY AND ON-CHIP TRAPPING OF NANOPARTICLES BY A HYBRID ELECTROTHERMOPLASMONIC NANOTWEEZER	3215
<i>Justus C. Ndukaife ; Agbai George Agwu Nnanna ; Alexander V. Kildishev ; Vladimir M. Shalaev ; Steven T. Wereley ; Alexandra Boltasheva</i>	
MAGNETIC-FIELD SENSOR BASED ON MAGNETIC-FLUID-FILLED SILICA MICROCAPILLARY RESONATOR	3217
<i>Song Zhu ; Lei Shi ; Shixing Yuan ; Xinbiao Xu ; Xinliang Zhang</i>	
DETECTION OF BROWNIAN TORQUE IN MAGNETICALLY-DRIVEN ROTATING MICROPARTICLES	3219
<i>Maria N. Romodina ; Evgeny V. Lyubin ; Andrey A. Fedyanin</i>	
COUPLING BETWEEN A PLASMONIC V-GROOVE WAVEGUIDE AND SINGLE FLUORESCENT BACTERIAL CELLS	3221
<i>Oren Lotan ; Cameron L. C. Smith ; Jonathan Bar David ; Sharon Yagurkroll ; Shimshon Belkin ; Anders Kristensen ; Uriel Levy</i>	
PLASMONIC CRYSTAL CAVITY ON OPTICAL FIBER END FACET FOR HIGH PERFORMANCE LABEL-FREE BIOSENSING	3223
<i>Xiaolong He ; Jie Yang ; Xin Zhou ; Yalin Wang ; Tian Yang</i>	
FACILE DETECTION OF POLYCYCLIC AROMATIC HYDROCARBONS USING PHOTONIC BIOSILICA COMBINING SURFACE-ENHANCED RAMAN SPECTROSCOPY AND THIN LAYER CHROMATOGRAPHY	3225
<i>Xianming Kong ; Xinyuan Chong ; Alan X. Wang</i>	
FREQUENCY-CHIRPED MULTI-CYCLED TERAHERTZ PULSE GENERATED FROM PERIODICALLY POLED LITHIUM NIOBATE FOR FREQUENCY-MODULATED CONTINUOUS-WAVE RADARS	3227
<i>Junichi Hamazaki ; Yoh Ogawa ; Norihiko Sekine ; Akifumi Kasamatsu ; Atsushi Kanno ; Naokatsu Yamamoto ; Iwao Hosako</i>	
AN INTEGRATED GERMANIUM-BASED OPTICAL WAVEGUIDE COUPLED THZ PHOTOCONDUCTIVE ANTENNA IN SILICON	3229
<i>Peiyu Chen ; Mostafa Hosseini ; Aydin Babakhani</i>	

RETROACTIVE TERAHERTZ DISPLACEMENT SENSOR IN A STANDARD 65NM CMOS TECHNOLOGY	3231
<i>Richard Al Hadi ; Yan Zhao ; Yilei Li ; Yuan Du ; M. -C. Frank Chang</i>	
ANOMALOUS VISUALIZATION OF SUB-2 THZ RADIATION ON SILICON-BASED CMOS AND CCD SENSORS	3233
<i>M. Shalaby ; C. Vicario ; C. P. Hauri</i>	
EFFICIENT ROOM-TEMPERATURE TERAHERTZ NANO-DETECTORS BASED ON NOVEL 2D MATERIALS AND HETEROSTRUCTURES	3235
<i>Miriam S. Vitiello ; Leonardo Viti</i>	
BIAS-FIELD TAILORED PLASMONIC NANO-ELECTRODE FOR PULSE AND CONTINUOUS-WAVE TERAHERTZ RADIATION	3237
<i>Kiwon Moon ; Il-Min Lee ; Hyun-Soo Kim ; Kyung Hyun Park</i>	
TERAHERTZ META-ATOM QUANTUM WELL PHOTODETECTORS	3239
<i>B. Paulillo ; S. Pirotta ; L. Li ; S. Guilet ; E. H. Linfield ; G. A. Davies ; F. Julien ; R. Colombelli</i>	
REDUCED CONTACT DUTY CYCLE TO REDUCE LOSS IN DISTRIBUTED-FEEDBACK INTERBAND CASCADE LASERS	3241
<i>M. V. Warren ; C. L. Canedy ; C. S. Kim ; M. Kim ; C. D. Merritt ; W. W. Bewley ; I. Vurgaftman ; J. R. Meyer</i>	
NARROW RIDGE CASCADE DIODE LASERS WITH $\lambda > 3 \mu\text{M}$	3243
<i>Meng Wang ; Takashi Hosada ; Leon Shterengas ; Aaron Stein ; Ming Lu ; Gela Kipshidze ; Gregory Belenky</i>	
QUANTUM CASCADE LASER ON SILICON AT $4.8 \mu\text{M}$	3245
<i>Alexander Spott ; Jon Peters ; Michael L. Davenport ; Eric J. Stanton ; Charles D. Merritt ; William W. Bewley ; Igor Vurgaftman ; Jerry R. Meyer ; Jeremy Kirch ; Luke J. Mawst ; Dan Botez ; John E. Bowers</i>	
ENGINEERED FAR-FIELDS OF METAL-METAL TERAHERTZ QUANTUM CASCADE LASERS WITH INTEGRATED PLANAR HORN STRUCTURES	3247
<i>F. Wang ; K. Maussang ; I. Kundu ; L. Chen ; L. Li ; E. H. Linfield ; A. G. Davies ; S. Moudjji ; R. Colombelli ; J. Mangeney ; J. Tignon ; S. S. Dhillon</i>	
TERAHERTZ PULSE GENERATION FROM METAL-METAL QUANTUM CASCADE LASERS	3249
<i>K. Maussang ; F. Wang ; S. Moudjji ; R. Colombelli ; J. R. Freeman ; I. Kundu ; L. Li ; E. H. Linfield ; A. G. Davies ; J. Mangeney ; J. Tignon ; S. S. Dhillon</i>	
LOW-THRESHOLD, SINGLE-MODE DEFECT LINE TERAHERTZ QUANTUM CASCADE LASER	3251
<i>A. Klimont ; R. Degl'Innocenti ; L. Masini ; Y. D. Shah ; Y. Ren ; D. S. Jessop ; A. Tredicucci ; H. E. Beere ; D. A. Ritchie</i>	
WRITING AND ERASURE OF TEMPORAL CAVITY SOLITONS VIA INTENSITY MODULATION OF THE CAVITY DRIVING FIELD	3253
<i>Yadong Wang ; François Leo ; Stéphane Coen ; Miro Erkintalo ; Stuart G. Murdoch</i>	
INTENSITY NOISE COUPLING IN SOLITON FIBER OSCILLATORS	3255
<i>Chenchen Wan ; Thomas Schibli ; Peng Li ; Carlo Bevilacqua ; Axel Ruehl ; Ingmar Hartl</i>	
30 NJ, ~50 FS ALL-FIBER SOURCE AT 1300 NM USING SOLITON SHIFTING IN LMA HOM FIBER	3257
<i>L. Rishoj ; G. Prabhakar ; J. Demas ; S. Ramachandran</i>	
SOLITON SELF-FREQUENCY SHIFTING IN A POLARIZATION-MAINTAINING, ERBIUM-DOPED, VERY-LARGE-MODE-AREA FIBER AMPLIFIER	3259
<i>Jeffrey W. Nicholson ; Anthony Desantolo ; Armin Zach ; Wilhelm G. Kaenders</i>	
MULTI-SOLITON PULSE CHARACTERIZATION AND COMPRESSION	3261
<i>Gennady Rasskazov ; Anton Ryabtsev ; Kriti Charan ; Tianyu Wang ; Chris Xu ; Marcos Dantus</i>	
TRANSFORMATION OF A DISPERSIVE WAVE INTO A FUNDAMENTAL SOLITON	3263
<i>F. Braud ; M. Conforti ; A. Cassez ; A. Mussot ; A. Kudlinski</i>	
BLACK-WHITE VECTOR SOLITONS IN A FIBER RING LASER	3265
<i>Shao Guodong ; Song Yufeng ; Zhao Luming ; Tang Dingyuan</i>	
EFFICIENT SECOND HARMONIC GENERATION IN LITHIUM NIOBATE ON INSULATOR	3267
<i>Jeremy Moore ; J. Kenneth Douglas ; Ian W. Frank ; Thomas A. Friedmann ; Ryan M. Camacho ; Matt Eichenfield</i>	
SUB-MICRON PERIODICALLY-POLED LITHIUM NIOBATE WAVEGUIDE FOR INTEGRATED NONLINEAR OPTICS	3269
<i>Lin Chang ; Yifei Li ; Nicolas Volet ; Leiran Wang ; Jon Peters ; John E. Bowers</i>	
BROADBAND MID-INFRARED DIFFERENCE FREQUENCY GENERATION USING APODIZED APERIODICALLY POLED LINBO₃ WAVEGUIDE	3271
<i>Ryohei Fujisawa ; Masaki Asobe ; Takehiro Tachizaki ; Hirokazu Takenouchi</i>	
EXPERIMENTAL DEMONSTRATION OF SPATIAL-MODE-SELECTIVE FREQUENCY UP-CONVERSION IN A MULTIMODE X⁽²⁾ WAVEGUIDE	3273
<i>Y. B. Kwon ; M. Giribabu ; L. Li ; S. C. Samudrala ; C. Langrock ; M. M. Fejer ; M. Vasilyev</i>	
TUNABLE THIRD-HARMONIC GENERATION IN SILICON OXIDE WEDGE MICROCAVITIES	3275
<i>Jorge H. Soares ; Felipe G. Santos ; Lais Fujii ; G. S. Wiederhecker ; T. P. Mayer Alegre</i>	
GENERATION OF 10-KW PULSES AT 880 NM IN COMMERCIAL FIBER VIA PARAMETRIC AMPLIFICATION IN A HIGHER ORDER MODE	3277
<i>Jeffrey Demas ; Tao He ; Siddharth Ramachandran</i>	
ELECTRONICALLY TUNABLE, FULLY FIBER-INTEGRABLE OPTICAL PARAMETRIC OSCILLATOR	3279
<i>Maximilian Brinkmann ; Sarah Janfrüchte ; Tim Hellwig ; Sven Dobner ; Carsten Fallnich</i>	
ULTRAFAST TWO-COLOR ALL-OPTICAL TRANSVERSE MODE CONVERSION IN A GRADED-INDEX FIBER	3281
<i>Martin Schnack ; Tim Hellwig ; Carsten Fallnich</i>	

STUDY ON INITIAL PROCESS OF FS LASER ABLATION DYNAMICS BY USING SOFT X-RAY LASER PROBE	3283
<i>M. Nishikino ; N. Hasegawa ; N. Ohnishi ; A. M. Ito ; Y. Minami ; N. A. Inogamov ; V. Zakhovsky ; A. Ya. Faenov ; T. Suemoto ; T. Kawachi</i>	
ENHANCED ABSORPTION AND PLASMON EXCITATION IN THE BULK OF FUSED SILICA WITH FEMTOSECOND BESSEL BEAMS	3285
<i>C. Xie ; R. Giust ; J. Zhang ; V. Jukna ; R. Meyer ; L. Furfaro ; M. Jacquot ; L. Froehly ; J. M. Dudley ; A. Couairon ; F. Courvoisier</i>	
ULTRAFAST LASER PROCESSING OF REFRACTIVE INDEX CHANGES IN BULK $\text{Ge}_{15}\text{As}_{15}\text{S}_{70}$ CHALCOGENIDE GLASS FOR PHOTONICS APPLICATIONS IN THE MID-INFRARED	3287
<i>C. D'Amico ; C. Caillaud ; P. K. Velpula ; M. K Bhuyan ; J. -P. Colombier ; J. Troles ; L. Calvez ; V. Nazabal ; G. Martin ; B. Arezki ; E. Lecoarer ; P. Kern ; R. Stoian</i>	
FEMTOSECOND LASER QUANTIZED STRUCTURING IN THIN SiO_x FILM	3289
<i>Stephen Ho ; Matthias Domke ; David Roper ; Heinz P. Huber ; Peter R. Herman</i>	
UNIVERSAL HETEROGENEOUS NUCLEATION AND GROWTH DYNAMICS IN THE PHOTO-INDUCED PHASE TRANSITION IN VANADIUM DIOXIDE	3291
<i>Nathan Brady ; Kannatassen Appavoo ; Minah Seo ; Joyeeta Nag ; Rohit Prasankumar ; Richard Haglund ; David J. Hilton</i>	
VISUALIZATION OF THE INWARDS PROPAGATION OF A HEAT-AFFECTED LAYER UPON FEMTOSECOND LASER IRRADIATION OF GLASS	N/A
<i>Mario Garcia Lechuga ; Jan Siegel ; Daniel Puerto ; Javier Solis</i>	
FLEXIBLE SILICON PHOTONIC TRANSMITTER WITH SEGMENTED MODULATOR AND 32 NM CMOS DRIVER IC	3295
<i>Tam N. Huynh ; Nicolas Dupuis ; Renato Rimolo-Donadio ; Jonathan E. Proesel ; Doug M. Gill ; Christian W. Baks ; Alexander V. Rylakov ; Clint L. Schow ; William M. J. Green ; Benjamin G. Lee</i>	
CLADDING-DEPENDENT NATURE OF ELECTRO-OPTIC EFFECTS IN SILICON WAVEGUIDES	3297
<i>Rajat Sharma ; Matthew W. Puckett ; Felipe Vallini ; Yeshaiah Fainman</i>	
ELECTRO-OPTIC TUNING OF SILICON CARRIER INJECTION DEGENERATE BAND EDGE RESONATORS	3299
<i>Michael G. Wood ; Justin R. Burr ; Ronald M. Reano</i>	
RESONANT GERMANIUM-ON-SILICON PHOTODETECTOR WITH EVANESCENT WAVEGUIDE COUPLING	3301
<i>Zhan Su ; Ehsan Shah Hosseini ; Erman Timurdogan ; Jie Sun ; Michele Moresco ; Gerald Leake ; Thomas N. Adam ; Douglas D. Coolbaugh ; Michael R. Watts</i>	
PHOTODETECTING MOSFET BASED ON ULTRATHIN SINGLE-CRYSTAL GERMANIUM NANOMEMBRANE	3303
<i>Zhenyang Xia ; Haomin Song ; Munho Kim ; Ming Zhou ; Tzu-Hsuan Chang ; Dong Liu ; Kanglin Xiong ; Zongfu Yu ; Zhenqiang Ma ; Qiaoqiang Gan</i>	
A 25GBPS LOW-VOLTAGE WAVEGUIDE SI-GE AVALANCHE PHOTODIODE	3305
<i>Zhihong Huang ; Cheng Li ; Di Liang ; Kunzhi Yu ; Charles Santori ; Marco Fiorentino ; Wayne Sorin ; Samuel Palermo ; Raymond G. Beausoleil</i>	
ON-CHIP HIGH PERFORMANCE PLASMONIC-CMOS COMPONENTS BASED ON HORIZONTAL HYBRID $\text{Cu-SiO}_2\text{-Si}$ PLATFORM	3307
<i>Hong-Son Chu ; Shiyang Zhu ; Ching Eng Png</i>	
GIRES-TOURNOIS INTERFEROMETERS WITH SIDEWALL BRAGG GRATINGS IN SiO_2	3309
<i>Paul D. Morin ; Lawrence R. Chen</i>	
SPECTRAL-DOMAIN SIGNAL PROCESSING BASED ON COMB-BASED DIRECT FOURIER DECOMPOSITION	3311
<i>Ping Piu Kuo</i>	
INVESTIGATION OF AN INTEGRATED PHOTONIC DUAL-PUMPED PHASE-SENSITIVE AMPLIFIER BASED ON A HIGHLY SATURATED SEMICONDUCTOR OPTICAL AMPLIFIER	3312
<i>Wangzhe Li ; Antonio Mecozzi ; Michael Vasilyev ; Mingzhi Lu ; Leif Johansson ; Larry A. Coldren</i>	
PHASE-SENSITIVE AMPLIFICATION IN SILICON AND CHALCOGENIDE WAVEGUIDES	3314
<i>Yanbing Young Zhang ; Chad Husko ; Simon Lefrancois ; Jochen Schröder ; Benjamin J. Eggleton</i>	
CASCADE COHERENT ANTI-STOKES RAMAN SCATTERING (CARS) MICROSCOPY	3316
<i>V. B. Pelegati ; B. B. C. Kyotoku ; L. A. Padilha ; C. L. Cesar</i>	
3D MULTIPHOTON FIBER-COUPLED MICROSCOPY USING ADAPTABLE OPTICS FOR BRAIN IMAGING	3318
<i>Baris N. Ozbay ; Gregory Futia ; Diego Restrepo ; Emily A. Gibson</i>	
1300 NM FIBER LASER SYSTEM FOR THG AND 2PEF BIO-IMAGING	3320
<i>Carsten Cleff ; Fernanda Ramos-Gomes ; Thorsten Bergmann ; Luigi Bonacina ; Ulrich Weikert ; Miso Mitkovski ; Martin Schuette ; Frauke Alves ; Michael Mei</i>	
SUPER-RESOLUTION DEEP IMAGING WITH GAUSS-BESSEL STED MICROSCOPY	3322
<i>Wentao Yu ; Ziheng Ji ; Xusan Yang ; Yunfeng Xiao ; Peng Xi ; Kebin Shi</i>	
SECOND- AND THIRD-HARMONIC GENERATION NONLINEAR STOKES-MUELLER POLARIMETRIC MICROSCOPY	3324
<i>Lukas Kontenis ; Masood Samim ; Serguei Krouglov ; Virginijus Barzda</i>	
SUPER-OSCILLATION BY HIGHER-ORDER RADially POLARIZED LAGUERRE-GAUSSIAN BEAMS	3326
<i>Daichi Matsunaga ; Yuichi Kozawa ; Shunichi Sato</i>	
ULTRA LOW NOISE ER:FIBER FREQUENCY COMB COMPARISON	3328
<i>M. Giunta ; W. Hänsel ; K. Beha ; M. Fischer ; M. Lezius ; R. Holzwarth</i>	

ROBUST COMBS FOR LONG-TERM OPTICAL TIMESCALES	3330
<i>Stefan Droste ; Jean-Daniel Deschenes ; Laura C. Sinclair ; Daniel I. Herman ; William C. Swann ; Nathan R Newbury ; Ian Coddington</i>	
AIR REFRACTIVE INDEX SELF-CORRECTION EXCEEDING EMPIRICAL EQUATION ACCURACY USING TWO-COLOR INTERFEROMETRY WITH OPTICAL FREQUENCY COMB	3332
<i>Kouki Miyano ; Guan hao Wu ; Tomohiro Makino ; Kaoru Minoshima</i>	
OPTICAL FREQUENCY COMBS FOR SPACE APPLICATIONS	3334
<i>M. Giunta ; M. Lezius ; Ch. Deutsch ; T. Wilken ; T. W. Hänsch ; A. Kohfeldt ; A. Wicht ; V. Schkolnik ; M. Krutzik ; H. Duncker ; O. Hellmig ; K. Lampmann ; A. Wenzlawski ; P. Windpassinger ; K. Sengstock ; A. Peters ; R. Holzwarth</i>	
THZ-INDUCED LUMINESCENCE IN ZNO NANOCRYSTALS WITH STRONG DEPENDENCE ON THE EXCITATION FREQUENCY	3336
<i>Masaya Nagai ; Shingo Aono ; Masaaki Ashida ; Keigo Kawase ; Akinori Irizawa ; Goro Isoyama</i>	
INTRINSIC PROPERTIES OF ANISOTROPIC DIELECTRIC MICRO-RESONATORS OBTAINED THROUGH NEAR-FIELD TERAHERTZ SPECTROSCOPY	3338
<i>Irina Khromova ; Petr Kužel ; Igal Brener ; John L. Reno ; U-Chan Chung ; Catherine Elissalde ; Mario Maglione ; Patrick Mounaix ; Oleg Mitrofanov</i>	
TERAHERTZ GRAPHENE MODULATOR INTEGRATED WITH QUANTUM CASCADE LASER ACHIEVING 100% MODULATION DEPTH	3340
<i>Guozhen Liang ; Xiaonan Hu ; Xuechao Yu ; Youde Shen ; Lianhe H. Li ; Alexander Giles Davies ; Edmund H. Linfield ; Hou Kun Liang ; Ying Zhang ; Siu Fung Yu ; Qi Jie Wang</i>	
THZ PHOTORESPONSE OF THIN LAYERS OF BLACK PHOSPHORUS	3342
<i>Edward Leong ; Ryan J. Suess ; Andrei B. Sushkov ; H. Dennis Drew ; Thomas E. Murphy ; Martin Mittendorff</i>	
GRAPHENE PLASMON-MODIFIED THZ LASER WAVEGUIDES	3344
<i>E. Lee ; T. G. Folland ; K. Novoselov ; S. Chakraborty</i>	
TERAHERTZ PARALLEL PLATE WAVEGUIDE TO EVALUATE ELECTRICAL TRANSPORT PROPERTIES OF 2D MATERIALS	3346
<i>M. Razanoelina ; I. Kawayama ; Xiang Zhang ; Hironaru Murakami ; Robert Vajtai ; Pulickel M. Ajayan ; Junichiro Kono ; D. M. Mittleman ; M. Tonouchi</i>	
CHARGE TRANSPORT IN $\text{Na}_{0.65}\text{CO}_2$ THIN FILM STUDIED BY TERAHERTZ SPECTROSCOPY	3348
<i>H. Nemec ; K. Knížek ; Z. Jiráček ; J. Hejtmánek ; M. Soroka ; J. Buršík</i>	
EVALUATION OF LOCAL ADSORPTION ENERGY OF OXYGEN ON GRAPHENE USING LASER THZ EMISSION SPECTROSCOPY	3350
<i>F. Bagsican ; A. Winchester ; S. Ghosh ; X. Zhang ; L. Ma ; M. Wang ; I. Kawayama ; H. Murakami ; S. Talapatra ; R. Vajtai ; P. Ajayan ; J. Kono ; M. Tonouchi</i>	
ABSOLUTE HIGH-SPEED LASER HYGROMETRY: FROM AIRCRAFT APPLICATIONS TO PRIMARY VALIDATION	3352
<i>Volker Ebert ; Bernhard Buchholz</i>	
USE OF A LASER-BASED OPEN PATH INSTRUMENT TO PROVIDE CONTINUOUS LONG-TERM MEASUREMENTS OF METHANE EMISSIONS FROM TWO LANDFILLS	3354
<i>Dayle K. McDermitt ; Liukang Xu ; Jiahong Li ; Roger B. Green ; Jeffrey P. Chanton</i>	
HIGH SPEED INFRARED SPECTROSCOPY INDUCED BY ALL OPTICAL MODULATION OF PULSED QUANTUM CASCADE LASER	3356
<i>Chen Peng ; Haijun Zhou ; Zhixiang Wu ; Chunhong Lai ; Jianping Tang</i>	
MULTI-HETERODYNE SPECTROSCOPIC TECHNIQUES USING FABRY-PÉROT QUANTUM CASCADE LASERS FOR TRACE GAS DETECTION	3358
<i>Jonas Westberg ; Lukasz Sterczewski ; Eric Zhang ; Andreas Hangauer ; Gerard Wysocki</i>	
PERIODIC Q-SWITCHED DUAL-WAVELENGTH LASING REGIME FOR REMOTE SENSING APPLICATIONS	3360
<i>A. V. Fedorov ; A. A. Fomichev ; M. E. Doroshenko</i>	
30-MJ 200-FS CW-PUMPED YB:CAF_2 REGENERATIVE AMPLIFIER	3362
<i>E. Kaksis ; G. Andriukaitis ; T. Flöry ; A. Pugžlys ; A. Baltuška</i>	
ADVANCED LASER PROCESSING OF GLASS	3364
<i>Anping Liu</i>	
FEMTOSECOND LASER MACHINING OF MICRON-DIAMETER GRAPHITIZED COLUMNS IN DIAMOND	3366
<i>Brian K. Canfield ; Tom Wulz ; Eric Lukosi ; Stefan Spanier ; Lloyd M. Davis</i>	
SELF-ASSEMBLING OF GOLD NANOPARTICLES ON SI-BASED LASER NANOTEXTURED 1D SURFACE FOR PLASMONIC APPLICATION	3368
<i>I. Gnilitzkyi ; M. Dusheyko ; T. Borodinova ; S. Mamykin ; N. Maksimchuk ; A. Ivaschuk ; Yu. Yakymenko ; L. Orazi</i>	
FABRICATION OF ASPHERICAL GLASS MOLDED LENS USING VITREOUS CARBON MOLD	3370
<i>Xun Lu ; Young-Kyu Kim ; Seok-Min Kim</i>	
CO_2 POLISHING OF FEMTOSECOND LASER MICROMACHINED MICROFLUIDIC CHANNELS	3372
<i>Murat Serhatlioglu ; Bulend Ortac ; Caglar Elbuen ; Necmi Biyikli ; Mehmet E. Solmaz</i>	
ENHANCED MONOLITHICALLY INTEGRATED HIGH POWER REPETITION-RATE TUNABLE MODE-LOCKED LASER DIODE	3374
<i>X. Guo ; A. H. Quarterman ; A. Wonfor ; R. V. Penty ; I. H. White</i>	
MONOLITHIC MULTI-COLOUR 40 GHZ MODE-LOCKED LASER ARRAY	3376
<i>Lianping Hou ; Iain Eddie ; John H. Marsh</i>	
SUB-PICOSECOND PULSE STABILITY OF PASSIVELY MODE-LOCKED TWO-SECTION QUANTUM DASH LASER AT ~1550 NM SUBJECT TO SINGLE AND DUAL OPTICAL FEEDBACK	3378
<i>Haroon Asghar ; Wei Wei ; Pramod Kumar ; Declan Marah ; Ehsan Sooudi ; John G. McInerney</i>	

SUB-KHZ RF LINEWIDTH OF QUANTUM-DASH MODE-LOCKED LASER BY SELF-INJECTION FROM SYMMETRIC DUAL-LOOP FEEDBACK AND FIBER DELAY	3380
<i>Wei Wei ; Haroon Asghar ; Pramod Kumar ; Declan Marah ; John G. McInerney</i>	
COMPARISON OF THE LINEWIDTHS OF PHOTONIC MICROWAVE SIGNALS GENERATED BY SEMICONDUCTOR LASERS SUBJECT TO OPTICAL INJECTION AND OPTICAL FEEDBACK	3382
<i>Lyu-Chih Lin ; Ssu-Hsin Liu ; Fan-Yi Lin</i>	
DYNAMICS OF EXCITED-STATE INAS/GAAS FABRY-PEROT QUANTUM-DOT LASERS UNDER OPTICAL FEEDBACK	3384
<i>H. Huang ; K. Schires ; L. C. Lin ; C. Y. Chen ; D. Arsenijevic ; T. Sadeev ; D. Bimberg ; F-Y Lin ; F. Grillot</i>	
DENSE WAVELENGTH BEAM COMBINING OF AN EXTERNAL THIN-FILM FILTER MULTI-LASER CAVITY STABILIZED DIODE LASER MODULE	3386
<i>M. Haas ; S. Nagel ; S. Rauch ; A. Killi ; H. Zimer</i>	
POWER-SCALING A MID-IR OPA-PUMPED ACETYLENE-FILLED HOLLOW-CORE PHOTONIC CRYSTAL FIBER LASER	3388
<i>N. Dadashzadeh ; M. Thirugnanasambandam ; K. Weerasinghe ; B. Debord ; M. Chafer ; F. G��r��me ; F. Benabid ; B. R. Washburn ; K. L. Corwin</i>	
3 μM MIR COMB GENERATION BASED ON HIGH REPETITION RATE ER-DOPED FIBER LASER WITH CARBON NANOTUBE	3390
<i>M. Tsuzuki ; Y. Nomura ; L. Jin ; M. Yamanaka ; V. Sonnenchein ; H. Tomita ; T. Iguchi ; A. Sato ; A. Omori ; A. Ideno ; T. Ohara ; Y. Sakakibara ; E. Omoda ; H. Kataura ; N. Nishizawa</i>	
RADIALLY POLARIZED NANOSECOND YB-DOPED FIBER MOPA SYSTEM INCORPORATING TEMPORAL SHAPING	3392
<i>D. Lin ; N. Baktash ; M. Berendt ; M. Beresna ; P. G. Kazansky ; W. A. Clarkson ; S. U. Alam ; D. J. Richardson</i>	
40-GHZ PULSE SOURCE BASED ON XPM-INDUCED FOCUSING IN NORMALLY DISPERSIVE OPTICAL FIBERS	3394
<i>J. Nu��o ; M. Gilles ; M. Guasoni ; B. Kibler ; C. Finot ; J. Fatome</i>	
SINGLE POLARIZATION, HIGH ENERGY PULSED FIBER LASER FROM 200 μM CORE YB-DOPED FIBER	3396
<i>Martin Berendt ; Shaif-Ui Alam ; Mrinmay Pal ; Maitreyee Saha ; Ranjan Sen ; David J. Richardson</i>	
VISIBLE SUPERCONTINUUM GENERATION IN A LOW DGD GRADED INDEX MULTIMODE FIBER	3398
<i>G. Lopez-Galmiche ; Z. Sanjabi Eznaveh ; A. Eftethkhar ; J. Antonio-Lopez ; F. Wise ; D. Christodoulides ; R. Amezcua Correa</i>	
EXPERIMENTAL STUDY ON THE COHERENCE OF NON-STATIONARY OPTICAL PULSES GENERATED FROM A RING LASER CAVITY	3400
<i>Seungjong Lee ; L. A. Vazquez-Zuniga ; Youngchul Kwon ; Hyuntai Kim ; Hansol Kim ; Yoonchan Jeong</i>	
SESAM Q-SWITCHED FIBER LASER AT 1.2 μM	3402
<i>Yuchen Wang ; Xiushan Zhu ; Jie Zong ; Kort Wiersma ; Arturo Chavez-Pirson ; Robert A. Norwood ; N. Peyghambarian</i>	
THE LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY AT THE BEGINNING OF A NEW ERA IN ASTRONOMY	3404
<i>R. L. Savage</i>	
A WALK ON THE WARPED SIDE: ASTROPHYSICS WITH GRAVITATIONAL WAVES	3406
<i>Sarah Caudill</i>	
BUILDING THE QUIETEST SPACE ON EARTH: PRECISION OPTICAL SYSTEMS FOR ADVANCED LIGO	3407
<i>Brian Lantz</i>	
LIGO — A GRAVITATIONAL WAVE OBSERVATORY	3408
<i>Alastair Heptonstall</i>	
DISCUSSION OF THE ADVANCED LIGO SENSITIVITY	3409
<i>Denis Martynov</i>	
FULLY CMOS-COMPATIBLE TIN NANOANTENNAS	3410
<i>Justin A. Briggs ; Gururaj V. Naik ; Trevor A. Petach ; Brian K. Baum ; David Goldhaber-Gordon ; Jennifer A. Dionne</i>	
LIGHT-DRIVEN REVERSIBLE SHAPING OF 2D POLYMERIC LATTICES	3412
<i>Federica Pirani ; Angelo Angelini ; Francesca Frascella ; Riccardo Rizzo ; Emiliano Descrovi</i>	
COLLAPSE OF THE SELECTION RULES THROUGH 2D PLASMONICS	3414
<i>Nicholas Rivera ; Ido Kaminer ; Bo Zhen ; John D. Joannopoulos ; Marin Soljacic</i>	
OPTO-MECHANICAL LIQUID JET FORMATION BY RADIATION PRESSURE ALONG A HOLLOW OPTICAL FIBER	3416
<i>Jimwon Yoo ; Honggu Choi ; Woohyun Jung ; Sungrae Lee ; Kyunghwan Oh</i>	
OBSERVATION OF POYNTING'S VECTOR REVERSAL IN AN ACTIVE OPTICAL CAVITY	3418
<i>Ali K. Jahromi ; Ayman F. Abouraddy</i>	
ENHANCED LASING PERFORMANCE IN SOLUTION-PROCESSED LEAD HALIDE PEROVSKITES COVERED WITH PMMA AND AG	3420
<i>Tsung Sheng Kao ; Yu-Hsun Chou ; Kuo-Bin Hong ; Jiong-Fu Huang ; Fang-Chung Chen ; Tien-Chang Lu</i>	
EMISSION ENHANCEMENT VIA LOCAL SYMMETRY DISTORTION IN LANTHANIDE-BASED UPCONVERTING NANOPARTICLES	3422
<i>Michael D. Wisser ; Stefan Fischer ; A. Paul Alivisatos ; Alberto Salleo ; Jennifer A. Dionne</i>	
ULTRA-HIGH Q WHISPERING GALLERY MODE ELECTRO-OPTIC RESONATORS ON SILICON CHIP	3424
<i>Mohammad Soltani ; Vladimir Ilchenko ; Andrey Matsko ; Anatoliy Savchenkov ; John Schlafer ; Colm Ryan ; Lute Maleki</i>	
SUPPRESSING THE FUNDAMENTAL THERMO-OPTIC NOISES OF A HIGH-Q MICRORESONATOR	3426
<i>Xuan Sun ; Hanxiao Liang ; Rui Luo ; Xi-Cheng Zhang ; Qiang Lin</i>	
FREQUENCY LOCKED MICRO RING RESONATORS FOR WIDE BAND FREQUENCY REFERENCING	3428
<i>Roy Zektzer ; Liron Stern ; Noa Mazurski ; Uriel Levy</i>	

THEMO-OPTIC OSCILLATION DYNAMICS IN A HIGH-Q LITHIUM NIOBATE MICRORESONATOR	3430
<i>Hanxiao Liang ; Wei Jiang ; Xuan Sun ; Xi-Cheng Zhang ; Qiang Lin</i>	
TRAPEZOIDAL SHAPE SUBWAVELENGTH GRATING WAVEGUIDE BASED HIGH QUALITY FACTOR MICRO-RING RESONATOR	3432
<i>Zheng Wang ; Xiaochuan Xu ; D. L. Fan ; Yaguo Wang ; Ray T. Chen</i>	
HYBRID RESONANT COUPLING MODULATOR IN VERTICALLY-INTEGRATED SILICON ON SILICON NITRIDE PLATFORMS	3434
<i>Amir H. Hosseinnia ; Majid Sodagar ; S. H. S. Mousavi ; Ali A. Eftekhar ; Ali Adibi</i>	
TUNABLE COUPLING OF WHISPERING GALLERY MODE RESONATORS ON ELASTOMER SUBSTRATES	3436
<i>Tobias Siegle ; Stefan Schierle ; Sarah Krämer ; Benjamin Richter ; Sentayehu Wondimu ; Peter Schuch ; Christian Koos ; Heinz Kalt</i>	
CAVITY OPTOMECHANICAL MAGNETOMETRY	3438
<i>Bei-Bei Li ; Eoin Sheridan ; Stefan Forstner ; Halina Rubinsztein-Dunlop ; Warwick Bowen</i>	
DESIGN OF EFFICIENT FEW MODE OPTICAL AMPLIFIERS FOR FIBER CAPACITY INCREASE	3440
<i>Peter M. Krummrich ; Simon Akhtari</i>	
OAM BEAM GENERATION USING ALL-FIBER FUSED COUPLERS	3442
<i>S. Pidishety ; M. I. M. Abdul Khudus ; P. Gregg ; S. Ramachandran ; B. Srinivasan ; G. Brambilla</i>	
MINIMIZING THE MODAL DELAY SPREAD IN COUPLED-CORE TWO-CORE FIBER	3444
<i>Bin Huang ; Nicolas K. Fontaine ; Haoshuo Chen ; Jin Cang ; Roland Ryf ; René-Jean Essiambre ; Takuji Nagashima ; Takashi Sasaki ; Tetsuya Hayashi</i>	
BI-DOPED FIBER LASER FOR TELECOM APPLICATIONS	3446
<i>V. V. Dvoyrin ; M. Tan ; A. S. Zlenko ; V. M. Mashinsky ; M. A. Melkumov ; E. M. Dianov ; P. Harper ; S. K. Turitsyn</i>	
WIDEBAND ALL-OPTICAL 3R WDM REGENERATION BASED ON DUAL-PUMP PARAMETRIC AMPLIFIER	3448
<i>Mohammad Amin Shoaie ; Armand Vedadi ; Camille-Sophie Brès</i>	
PERFORMANCE CHARACTERISATION AND LIMITATIONS OF HIGH-GAIN DISCRETE RAMAN AMPLIFICATION	3450
<i>A. E. El-Taher ; M. F. C. Stephens ; V. Gordienko ; W. Forysiak ; P. Harper ; N. J. Doran</i>	
INVESTIGATION OF INTER-CORE CROSS-TALK IN CLADDING PUMPED DOUBLE-CLAD 6-CORE ERBIUM DOPED FIBER AMPLIFIER	3452
<i>Cang Jin ; Bin Huang ; Haoshuo Chen ; Nicolas K. Fontaine ; Roland Ryf ; René-Jean Essiambre ; Bora Ung ; Younès Messaddeq ; Sophie Larochelle</i>	
50 TBIT/S MASSIVELY PARALLEL WDM TRANSMISSION IN C AND L BAND USING INTERLEAVED CAVITY-SOLITON KERR COMBS	3454
<i>P. Marin ; J. Pfeifle ; M. Karpov ; P. Trocha ; R. Rosenberger ; K. Vijayan ; S. Wolf ; J. Kemal ; A. Kordts ; M. Pfeiffer ; V. Brasch ; W. Freude ; T. J. Kippenberg ; C. Koos</i>	
100 GBPS PATTERN MATCHING USING SPATIAL-SPECTRAL HOLOGRAPHIC TIME DOMAIN CORRELATION	3456
<i>Zeb Barber ; Calvin Harrington ; R. Krishna Mohan ; Colton Stiffler ; Trent Jackson ; Peter Sellin ; Kristian Merkel</i>	
EXPERIMENTAL DEMONSTRATION OF 7 TB/S SWITCHING USING NOVEL SILICON PHOTONIC INTEGRATED CIRCUIT	3458
<i>Yunhong Ding ; Valerija Kamchevska ; Kjeld Dalgaard ; Feihong Ye ; Rameez Asif ; Simon Gross ; Michael J. Withford ; Michael Galili ; Toshio Morioka ; Leif Katsuo Oxenlowe</i>	
ERROR-FREE DISPERSION-UNCOMPENSATED TRANSMISSION AT 20 GB/S OVER SSMF USING A HYBRID III-V/SOI DML WITH MRR FILTERING	3460
<i>Valentina Cristofori ; Valerija Kamchevska ; Yunhong Ding ; Alexandre Shen ; Guang-Hua Duan ; Christophe Peucheret ; Leif K. Oxenlowe</i>	
NANOSECOND-RANGE CONTINUOUSLY TUNABLE SILICON OPTICAL DELAY LINE USING ULTRA-THIN SILICON WAVEGUIDES	3462
<i>Xinyi Wang ; Linjie Zhou ; Ruifei Li ; Jingya Xie ; Liangjun Lu ; Jianping Chen</i>	
INTER-CHANNEL INTERFERENCE MITIGATION OF HETEROGENEOUS WAVELENGTH-OVERLAPPED CHANNELS OF DIFFERENT BAUD RATES AND PULSE SHAPES USING NONLINEAR OPTICAL SIGNAL PROCESSING	3464
<i>Y. Cao ; M. Ziyadi ; A. Mohajerin-Ariaei ; A. Almaini ; F. Alishahi ; C. Bao ; P. Liao ; A. Falahpour ; B. Shamee ; C. Langrock ; M. Fejer ; M. Tur ; A. E. Willner</i>	
56 GBIT/S DMT SIGNAL GENERATED BY AN INTEGRATED SILICON RING MODULATOR	3466
<i>Ke Xu ; Chi Yan Wong ; Liang Zhang ; Lei Liu ; Gordon Ning Liu ; Chi Wai Chow ; Hon Ki Tsang</i>	
NEAR-FIELD INTEGRATION OF A Si₃N₄ NANOBEAM AND A SiO₂ MICROCAVITY FOR HEISENBERG-LIMITED DISPLACEMENT SENSING	3468
<i>R. Schilling ; H. Schütz ; A. Ghadimi ; V. Sudhir ; D. J. Wilson ; T. J. Kippenberg</i>	
THERMOMETRY WITH OPTOMECHANICAL CAVITIES	3470
<i>Thomas P. Purdy ; Karen E. Grutter ; Kartik Srinivasan ; Nikolai N. Klimov ; Zeeshan Ahmed ; Jacob M. Taylor</i>	
LASER FREQUENCY STABILIZATION USING POUND-DREVER-HALL TECHNIQUE WITH AN INTEGRATED TiO₂ ATHERMAL RESONATOR	3472
<i>Emir Salih Magden ; Michael Y. Peng ; Jonathan D. B. Bradley ; Gerald Leake ; Douglas D. Coolbaugh ; Leslie A. Kolodziejski ; Franz X. Kärtner ; Michael R. Watts</i>	
MODELOCKED MID-INFRARED FREQUENCY COMBS IN A SILICON MICRORESONATOR	3474
<i>Mengjie Yu ; Yoshitomo Okawachi ; Austin G. Griffith ; Michal Lipson ; Alexander L. Gaeta</i>	

STABILITY OF MODELOCKED MICRORESONATOR FREQUENCY COMBS	3476
<i>Alexander Klenner ; Chaitanya S. Joshi ; Jae K. Jang ; Kevin Luke ; Xingchen Ji ; Yoshitomo Okawachi ; Michal Lipson ; Alexander L. Gaeta</i>	
SELF-SYNCHRONIZATION AND PHASE STEPS IN MICRORESONATOR-BASED OPTICAL FREQUENCY COMBS.....	3478
<i>Hossein Taheri ; Pascal Del'Haye ; Ali A. Eftekhar ; Kurt Wiesenfeld ; Ali Adibi</i>	
MEASUREMENT OF HOT-CAVITY DETUNING IN MICROCOMB GENERATION USING FIBER COMB SPECTROSCOPY	3480
<i>Xiaoxiao Xue ; Yi Xuan ; Jose A. Jaramillo-Villegas ; Pei-Hsun Wang ; Yang Liu ; Daniel E. Leaird ; Minghao Qi ; Andrew M. Weiner</i>	
DISPERSIVE FOURIER TRANSFORMATION FEMTOSECOND STIMULATED RAMAN SCATTERING	3482
<i>Sven Dobner ; Carsten Fallnich</i>	
HIGHER ORDER SOLITON BREAKUP VIA IMPLOSION	3484
<i>I. Babushkin ; A. Tajalli ; H. Sayinc ; J. -H. Oelmann ; U. Morgner ; G. Steinmeyer ; A. Demircan</i>	
OBSERVATION OF THE BREAKING OF A PULSE ON A WEAK BACKGROUND IN OPTICAL FIBERS	3486
<i>Gang Xu ; Arnaud Mussot ; Alexandre Kudlinski ; Stefano Trillo ; François Copie ; Matteo Conforti</i>	
PHZ-WIDE SPECTRAL INTERFERENCE THROUGH PLASMA-INDUCED FISSION OF HIGHER ORDER SOLITONS.....	3488
<i>Felix Köttig ; Francesco Tani ; John C. Travers ; Philip St. J. Russell</i>	
μJ RANGE OPTICAL FIBER PARAMETRIC CHIRPED PULSE AMPLIFICATION OF SHORT PULSES AT 1 μM	3490
<i>Philippe Morin ; Jérôme Duberland ; Patrick Beure D'Augères ; Géraud Bouwmans ; Alexandre Kudlinski ; Yves Quiquempois ; Arnaud Mussot ; Emmanuel Hugonnot</i>	
CAN SUB-OPTICAL-CYCLE PARAMETRIC WAVEFORM SYNTHESIZERS BE SEEDED BY SEPARATE BULK WHITE-LIGHT SUPERCONTINUA?	3492
<i>Roland E. Mainz ; Giulio Maria Rossi ; Giovanni Cirmi ; Yudong Yang ; Shih-Hsuan Chia ; Eiji J. Takahashi ; Oliver D. Mücke ; Franz X. Kärtner</i>	
TUNABLE FEW-CYCLE SOLITON GENERATION UP TO 3.6 μM IN FLUORIDE FIBER	3494
<i>Yuxing Tang ; Logan G. Wright ; Tianyu Wang ; Chris Xu ; Frank W. Wise</i>	
MID-IR PULSE POST-COMPRESSION IN HOLLOW-CORE WAVEGUIDE	3496
<i>G. Fan ; T. Balciunas ; T. Kanai ; G. Andriukaitis ; B. E. Schmidt ; F. Légaré ; A. Baltuska</i>	
COHERENT BEAM COMBINING OF 19 FIBERS IN FEMTOSECOND REGIME	3498
<i>J. Le Dortz ; M. Antier ; J. Bourderionnet ; C. Larat ; A. Heilmann ; I. Fsaïfes ; L. Danialt ; S. Bellanger ; C. Simon Boisson ; J. - C. Chanteloup ; E. Lallier ; A. Brignon</i>	
PHASE-INTENSITY CONVERSION ASSOCIATED WITH AN OPTIMIZATION LOOP FOR ACTIVE COHERENT LASER BEAM COMBINING	3500
<i>D. Kabeya ; V. Kermène ; M. Fabert ; J. Benoist ; A. Desfarges-Berthelemt ; A. Barthélémy</i>	
COHERENT PULSE STACKING OF SOLID-STATE LASER PULSES	3502
<i>I. Astrauskas ; E. Kaksis ; T. Flöry ; G. Andriukaitis ; A. Pugžlys ; L. Curilla ; A. Baltuška ; J. Ruppe ; S. Chen ; A. Galvanauskas ; T. Balciunas</i>	
EXPERIMENTAL DEMONSTRATION OF LOCALIZED ENERGY DENSITY GAIN USING COHERENT SUPERPOSITION OF MULTIPLE STRUCTURED ORBITAL-ANGULAR-MOMENTUM MODES	3504
<i>Guodong Xie ; Cong Liu ; Long Li ; Yongxiong Ren ; Zhe Zhao ; Yan Yan ; Nisar Ahmed ; Zhe Wang ; Asher J. Willner ; Changjing Bao ; Yinwen Cao ; Moshe Tur ; Alan E. Willner</i>	
ADAPTIVE CONTROL OF THE OUTPUT PATTERN OF AN YTTERBIUM DOPED MULTICORE FIBER AMPLIFIER USING A DEFORMABLE MIRROR	3506
<i>Raphaël Florentin ; Vincent Kermène ; Agnès Desfarges-Berthelemt ; Joël Benoist ; Alain Barthélémy</i>	
HANDEDNESS OF LAGUERRE-GAUSSIAN LG01 MODE IN A UNIDIRECTIONAL RING LASER.....	3508
<i>R. T. Uren ; W. A. Clarkson</i>	
PULSED AMPLIFICATION OF 2 μM CONCENTRIC VORTEX BEAMS.....	3510
<i>Keith Miller ; Yuan Li ; Wenzhe Li ; Ramesh Shori ; Eric G. Johnson</i>	
7-CYCLE PULSES FROM AN ER-FIBER LASER WITH SELF-SIMILAR EVOLUTION IN COMB-LIKE DISPERSION-DECREASING FIBER.....	3512
<i>Yuxing Tang ; Zhanwei Liu ; Walter Fu ; Frank W. Wise</i>	
PASSIVELY HARMONIC MODE-LOCKED HIGH REPETITION RATE TM/HO CO-DOPED FIBER LASER	3514
<i>Ahmet E. Akosman ; Michelle Y. Sander</i>	
A 0.95 PS, 10 GHZ, 60 MW HCN FREQUENCY-STABILIZED AND MODE-LOCKED FIBER LASER AT 1.55 μM	3516
<i>Masato Yoshida ; Kazuki Yoshida ; Keisuke Kasai ; Masataka Nakazawa</i>	
A 440 FS, 9.2 GHZ HYBRID MODE-LOCKED ERBIUM FIBER LASER WITH A COMBINATION OF HIGHER-ORDER SOLITONS AND A SESAM SATURABLE ABSORBER.....	3518
<i>Toshihiko Hirooka ; Kazunari Tokuhira ; Masato Yoshida ; Masataka Nakazawa</i>	
A STUDY ON SPECTRAL DYNAMICS OF RAMAN-ASSISTED MODE-LOCKING FIBER CAVITIES WITH TIME-STRETCH TECHNIQUE	3520
<i>Ying Yu ; Xiaoming Wei ; Cihang Kong ; Kevin K. Tsia ; Kenneth K. Y. Wong</i>	
OPTIMIZED SPECTRAL FILTERING FOR FEW-FEMTOSECOND TIMING JITTER FROM A PICOSECOND FIBER LASER.....	3522
<i>Wei Chen ; Youjian Song ; Minglie Hu ; Chingyue Wang ; Jungwon Kim</i>	
HIGH POWER FEMTOSECOND ALL-FIBER CHIRPED PULSE AMPLIFICATION SYSTEM BASED ON CHERENKOV RADIATION	3524
<i>Ruoyu Sun ; Dongchen Jin ; Fangzhou Tan ; Pu Wang</i>	

RIGOROUS CHARACTERIZATION AND ANALYSIS OF THE OPERATING STATES IN A PASSIVELY MODE-LOCKED FIBER LASER	3526
<i>Joseph W. Haefner ; Nicholas G. Usechak</i>	
TUNABLE OPTICAL VORTEX GENERATION IN A ‘WHOLE MID-INFRARED’ WAVELENGTH REGION OF 6–18 μM	3528
<i>Azusa Ogawa ; Kana Ando ; Michael T. Horikawa ; Katsuhiko Miyamoto ; Takashige Omatsu</i>	
WIDELY TUNABLE MID-IR FEMTOSECOND RESONANT RADIATION INDUCED BY SELF-DEFOCUSING SOLITONS IN A QUADRATIC NONLINEAR MEDIUM	3530
<i>B. B. Zhou ; X. Liu ; H. R. Guo ; X. L. Zeng ; H. P. Chung ; Y. H. Chen ; M. Bache</i>	
DIFFERENCE FREQUENCY GENERATION IN ORIENTATION-PATTERNED GALLIUM PHOSPHIDE	3532
<i>Kevin F. Lee ; Christopher J. Hensley ; Peter G. Schunemann ; M. E. Fermann</i>	
SECOND HARMONIC GENERATION OF A TUNABLE CONTINUOUS-WAVE CARBON DIOXIDE LASER USING ORIENTATION-PATTERNED GALLIUM PHOSPHIDE	3534
<i>Shekhar Guha ; Jacob O. Barnes ; Jean Wei ; Peter G. Schunemann</i>	
FEMTOSECOND PULSES TUNABLE BETWEEN 5.5–10.4 μM FROM A 1-μM-PUMPED OP-GAP OPTICAL PARAMETRIC OSCILLATOR	3536
<i>Luke Maidment ; Peter G. Schunemann ; Derryck T. Reid</i>	
FEMTOSECOND OPO BASED ON ORIENTATION-PATTERNED GALLIUM PHOSPHIDE (OP-GAP)	3538
<i>Qi-Tian Ru ; Zachary E. Loparo ; Peter G. Schunemann ; Konstantin L. Vodopyanov</i>	
CASCADED, DEEP-INFRARED, FEMTOSECOND OPTICAL PARAMETRIC OSCILLATOR BASED ON CDSIP₂	3540
<i>S. Chaitanya Kumar ; A. Esteban-Martin ; A. Santana ; K. T. Zawilski ; P. G. Schunemann ; M. Ebrahim-Zadeh</i>	
LONG-WAVE INFRARED SOURCE WITH 45 MJ PULSE ENERGY BASED ON NONLINEAR CONVERSION IN ZNGEP₂	3542
<i>Anette Bakklund ; Helge Fonnum ; Espen Lippert ; Magnus W. Haakestad</i>	
MOS₂ SATURABLE ABSORBER FOR PASSIVE Q-SWITCHING OF YB AND TM MICROCHIP LASERS	3544
<i>Josep Maria Serres ; Xavier Mateos ; Pavel Loiko ; Haohai Yu ; Huaijin Zhang ; Yanxue Chen ; Valentin Petrov ; Uwe Griebner ; Konstantin Yumashev ; Magdalena Aguiló ; Francesc Díaz</i>	
BLACK PHOSPHORUS QUANTUM DOTS (BPQDS) SATURABLE ABSORBER FOR THE PASSIVE MODE-LOCKING OF AN ER-DOPED FIBER LASER	3546
<i>Zhiteng Wang ; Yanhua Xu ; Zhinan Guo ; Chujun Zhao ; Han Zhang</i>	
CHARACTERIZATION OF THE NONLINEAR SUSCEPTIBILITY OF MONOLAYER MOS₂ USING SECOND- AND THIRD-HARMONIC GENERATION MICROSCOPY	3548
<i>R. I. Woodward ; R. T. Murray ; C. F. Phelan ; R. E. P. De Oliveira ; S. Li ; G. Eda ; C. J. S. De Matos</i>	
ULTRAFAST PHOTOCURRENT SPECTROSCOPY IN A BLACK PHOSPHORUS VAN DER WAALS HETEROSTRUCTURE	3550
<i>Nathan Youngblood ; Mo Li</i>	
MICROCAVITY ENHANCED SECOND HARMONIC GENERATION IN 2D SEMICONDUCTORS	3552
<i>Jared K. Day ; Yi-Hsien Lee ; Vinod Menon</i>	
DUAL-WAVELENGTH PASSIVELY Q-SWITCHED YB-DOPED FIBER LASER BASED ON WS₂ SATURABLE ABSORBER AND INTRACAVITY POLARIZATION	3554
<i>G. Hu ; M. Zhang ; L. Chen ; T. Li ; G. Hu ; R. C. T. Howe ; X. Zhao ; Z. Zheng ; T. Hasan</i>	
MICROFIBER-BASED FEW-LAYER BLACK PHOSPHORUS QUANTUM DOTS SATURABLE ABSORBER FOR MODE-LOCKED FIBER LASER	3556
<i>J. Du ; M. Zhang ; X. Zhu ; G. Hu ; X. Zhao ; Z. Zheng ; H. Zhang</i>	
OPTICAL TORQUE IN INTEGRATED SILICON WAVEGUIDES INDUCED BY PHOTON SPIN ANGULAR MOMENTUM TRANSFER	3558
<i>Li He ; Huan Li ; Mo Li</i>	
DIAMOND OPTOMECHANICAL CRYSTALS IN THE RESOLVED-SIDEBAND REGIME	3560
<i>Michael J. Burek ; Justin D. Cohen ; Seán M. Meenehan ; Thibaud Ruelle ; Srujan Meesala ; Mikhail D. Lukin ; Oskar Painter ; Marko Loncar</i>	
MULTIMODE OPTOMECHANICS AND ELECTROSTATIC CONTROL IN SLOT-MODE OPTOMECHANICAL CRYSTALS	3562
<i>Karen E. Grutter ; Marcelo I. Davanço ; Kartik Srinivasan</i>	
PHONON ROUTING, MODULATION, AND SENSITIVE MOTION DETECTION IN PIEZO-OPTOMECHANICAL CIRCUITS	3564
<i>Krishna C. Balram ; Marcelo Davanço ; Jin Dong Song ; Kartik Srinivasan</i>	
FINITE-DIFFERENCE ELASTIC WAVE MODE SOLVER FOR ACOUSTIC WAVEGUIDE DESIGN	3566
<i>Nathan Dostart ; Yangyang Liu ; Miloš A. Popovic</i>	
DEMONSTRATION OF BRILLOUIN SCATTERING SELF-CANCELLATION	3568
<i>O. Florez ; P. F. Jarschel ; Y. A. V. Espinel ; C. M. B. Cordeiro ; T. P. Mayer Alegre ; G. S. Wiederhecker ; P. Dainese</i>	
EVANESCENT GUIDING OF ACOUSTIC WAVES FOR CHIP-SCALE OPTOMECHANICAL CIRCUITS	3570
<i>Yangyang Liu ; Nathan Dostart ; Miloš A. Popovic</i>	
OPTICAL IMAGING OF THE VALLEY HALL EFFECT IN TWO-DIMENSIONAL SEMICONDUCTORS	3572
<i>Jie Shan</i>	
VALLEY-POLARIZED MICROCAVITY EXCITON-POLARITONS IN A MONOLAYER SEMICONDUCTOR	3573
<i>Yen-Jung Chen ; Jeffrey D. Cain ; Teodor K. Stanev ; Vinayak P. Dravid ; Nathaniel P. Stern</i>	
OPTOMECHANICAL ENHANCEMENT OF DOUBLY RESONANT 2D OPTICAL NONLINEARITY	3575
<i>Fei Yi ; Mingliang Ren ; Jason C Reed ; Hai Zhu ; Jiechang Hou ; Carl H. Naylor ; Alan T. Charlie Johnson ; Ritesh Agarwal ; Ertugrul Cubukcu</i>	

NONLINEAR SPECTROSCOPY OF VALLEY EXCITONS IN 2D SEMICONDUCTORS AND HETEROSTRUCTURES	3577
<i>John R. Schaibley ; Pasqual Rivera ; Kyle Seyler ; Todd Karin ; Jiaqiang Yan ; David G. Mandrus ; Hongyi Yu ; Wang Yao ; Kai-Mei Fu ; Xiaodong Xu</i>	
CONTROL OF EXCITONS IN MULTI-LAYER VAN DER WAALS HETEROSTRUCTURES	3579
<i>E. V. Calman ; C. J. Dorow ; M. M. Fogler ; L. V. Butov ; S. Hu ; A. Mishchenko ; A. K. Geim</i>	
BROADBAND ENHANCEMENT OF LIGHT-MATTER INTERACTION IN 2D SEMICONDUCTORS BY PHOTONIC HYPERCRYSTALS	3581
<i>T. Galfsky ; Z. Sun ; C. R. Consideine ; Y. H. Lee ; E. E. Narimanov ; V. M. Menon</i>	
MICRO CAVITIES FOR SOLITON FREQUENCY COMBS AND OPTICAL CLOCKS	3583
<i>Kerry J. Vahala</i>	
FIRST DEMONSTRATION OF CMOS COMPATIBLE ELECTRICAL PROGRAMMABLE PHOTONIC MEMORY CELL	3584
<i>Junfeng Song ; Andy Eu-Jin Lim ; Xianshu Luo ; Qing Fang ; Chao Li ; Lianxi Jia ; Xiaoguang Tu ; Ying Huang ; Tsung-Yang Liow ; Guoqiang Lo</i>	
A ONE-DIMENSIONAL HETERODYNE LENS-FREE OPA CAMERA	3586
<i>Reza Fatemi ; Behrooz Abiri ; Ali Hajimiri</i>	
MONOLITHICALLY INTEGRATED TWO-WAVELENGTH DISTRIBUTED BRAGG REFLECTOR LASER FOR TERAHERTZ GENERATION	3588
<i>Mengdie Sun ; Shaoyang Tan ; Songtao Liu ; Fei Guo ; Dan Lu ; Ruikang Zhang ; Qiang Kan ; Chen Ji</i>	
EXPERIMENTAL INVESTIGATION OF PHASE-SENSITIVE AMPLIFICATION IN QUANTUM-DOT SEMICONDUCTOR OPTICAL AMPLIFIER	3590
<i>Guo-Wei Lu ; Tianwai Bo ; Takahide Sakamoto ; Kouichi Akahane ; Benjamin J. Puttnam ; Calvin Chun-Kit Chan ; Naokatsu Yamamoto</i>	
SENSITIVE TRACE GAS AND ISOTOPE MEASUREMENTS USING CAVITY ENHANCED ABSORPTION SPECTROSCOPY	3592
<i>Erik Kerstel ; Daniele Romanini ; Samir Kassi ; Mathieu Daeron ; Amaelle Landais</i>	
MEASURING ISOTOPE RATIOS OF LARGE MOLECULES USING A SWEEPED EXTERNAL CAVITY QUANTUM CASCADE LASER	3593
<i>B. E. Brumfield ; M. C. Phillips</i>	
OPTICAL RADIOCARBON DETECTION (¹⁴C) USING A QUANTUM CASCADE LASER	3595
<i>D. A. Long ; A. J. Fleisher ; Q. Liu ; J. T. Hodges</i>	
GAS SENSING WITH CHIRPED LASER DISPERSION SPECTROSCOPY IN A SINGLE-FREQUENCY BEAM CONFIGURATION AND A MULTI-PASS CELL	3597
<i>Piotr Jaworski ; Grzegorz Dudzik ; Karol Krzempek ; Krzysztof Abramski ; Adam Waz ; Michal Nikodem</i>	
HIGH-THROUGHPUT BROADBAND FOURIER-TRANSFORM CARS	3599
<i>Takuro Ideguchi ; Kazuki Hashimoto ; Megumi Takahashi ; Keisuke Goda</i>	
TOWARDS ALL YB BASED, HIGH REPETITION RATE FOPA SYSTEMS	3601
<i>Mathieu Giguere ; Adam Stephanides ; Torsten Mans ; François Légaré ; Bruno E. Schmidt</i>	
110-FS, 5.3-μM ZGP PARAMETRIC AMPLIFIER DRIVEN BY A PS HO:YAG CHIRPED PULSE AMPLIFIER	3603
<i>T. Kanai ; P. Malevich ; S. S. Kangaparambil ; H. Hoogland ; R. Holzwarth ; A. Pugžlys ; A. Baltuška</i>	
7 μM, SUB-8 CYCLE OPCPA PUMPED AT 2 μM BY HO:YLF	3605
<i>D. Sánchez ; M. Hemmer ; M. Baudisch ; S. L. Cousin ; K. Zawilski ; P. Schunemann ; O. Chalus ; C. Simon-Boisson ; J. Biegert</i>	
OCTAVE-SPANNING 1.5-OPTICAL-CYCLE 6.5-μM OPA PUMPED BY 2.1-μM OPCPA	3607
<i>Peter Krogen ; Houkun Liang ; K. Zawilski ; P. Schunemann ; T. Lang ; U. Morgner ; Jeffrey Moses ; Franz X. Kärtner ; Kyung-Han Hong</i>	
44 μJ, 160 KHZ, FEW-CYCLE MID-IR OPCPA WITH CHIRP REVERSAL	3609
<i>Matthias Baudisch ; Hugo Pires ; Ugaitz Elu ; Hideki Ishizuki ; Takunori Taira ; Jens Biegert</i>	
450 MW FEMTOSECOND MID-IR SOURCE AT 8.5 μM WAVELENGTH	3611
<i>Marcus Seidel ; Gunnar Arisholm ; Oleg Pronin ; Ferenc Krausz</i>	
A 100J-LEVEL NANOSECOND PULSED DPSSL	3613
<i>Paul Mason ; Saumyabrata Banerjee ; Klaus Ertel ; P. Jonathan Phillips ; Mariastefania De Vido ; Oleg Chekhlov ; Martin Divoky ; Jan Pilar ; Jodie Smith ; Thomas Butcher ; Waseem Shaikh ; Chris Hooker ; Cristina Hernandez-Gomez ; Tomas Mocek ; Chris Edwards ; John Collier</i>	
HIGH ENERGY, HIGH AVERAGE POWER, DPSSL SYSTEM FOR NEXT GENERATION PETAWATT LASER SYSTEMS	3615
<i>A. Bayramian ; R. Bopp ; M. Borden ; B. Deri ; R. Desjardin ; J. M. Di Nicola ; M. Drouin ; A. Erlandson ; S. Fulkerson ; J. Jarboe ; G. Johnson ; H. Zhang ; B. Heidl ; J. Horner ; K. Kasl ; D. Kim ; E. Koh ; J. Lusk ; C. Marshall ; D. Mason ; T. Mazanec ; J. Naylor ; J. Nissen ; K. Prindahl ; B. Rus ; M. Scanlan ; K. Schaffers ; T. Simon ; T. Spinka ; J. Stanley ; C. Stolz ; S. Telford ; C. Haefner</i>	
DEMONSTRATION OF A COMPACT 500 HZ REPETITION RATE JOULE-LEVEL CHIRPED PULSE AMPLIFICATION LASER	3617
<i>Cory M. Baumgarten ; Brendan A. Reagan ; Michael A. Pedicone ; Herman Bravo ; Liang Yin ; Hanchen Wang ; Mark Woolston ; Brandon Carr ; Carmen S. Menoni ; Jorge J. Rocca</i>	
THIN DISK PUMPED 1 KHZ BROADBAND OPCPA SYSTEM WITH 8 MJ OUTPUT	3619
<i>František Batysta ; Jakub Novák ; Roman Antipenkov ; Jonathan T. Green ; Tomáš Mazanec ; Bedrich Himmel ; Jakub Horáček ; Martin Horáček ; Zbynek Hubka ; Robert Boge ; Jack A. Naylor ; Pavel Bakule ; Bedrich Rus</i>	
250W AVERAGE POWER FROM CRYOGENICALLY COOLED YB:YAG AMPLIFIER OPERATING AT 100 KHZ	3621
<i>F. Reichert ; M. Hemmer ; L. E. Zapata ; F. X. Kärtner</i>	

THULIUM-DOPED FIBER LASER ACTIVELY MODE LOCKED BY MODULATED PUMPING	3623
<i>Yu Wang ; Sze Y. Set ; Shinji Yamashita</i>	
INTRACAVITY MARTINEZ COMPRESSOR FOR SIMULTANEOUS DISPERSION COMPENSATION AND TUNABLE SPECTRAL FILTERING.....	3625
<i>Kenneth J. Underwood ; Juliet T. Gopinath</i>	
STABLE LINEAR POLARIZATION LOCK IN AN YDFL WITHOUT POLARIZATION DISCRIMINATING ELEMENTS.....	3627
<i>V. V. Dvoyrin ; K. A. Fedorova ; E. U. Rafailov ; S. K. Turitsyn</i>	
SIMPLIFIED ALL-POLARIZATION MAINTAINING FIBER LASER MODELOCKED IN THE ALL-NORMAL DISPERSION REGIME	3629
<i>Weijian Ni ; Bo Xu ; Amos Martinez ; Sze. Yun. Set ; Shinji Yamashita</i>	
TUNABLE SESAM MODE-LOCKED TM FIBER LASER BASED ON CHROMATIC DISPERSION OF LENS.....	3631
<i>Yutaka Mashiko ; Eisuke Fujita ; Masaki Tokurakawa</i>	
SELF-OPTIMIZING MODE-LOCKED LASER USING A GENETIC ALGORITHM	3633
<i>R. I. Woodward ; E. J. R. Kelleher</i>	
DISPERSION COMPENSATION USING CHIRPED LONG PERIOD GRATINGS.....	3635
<i>Tao He ; Lars Rishoj ; Jeff Demas ; Siddharth Ramachandran</i>	
ALL-FIBER MODE-LOCKED SOLITON ER-LASERS EMPLOYING PLANAR LIGHTWAVE CIRCUIT (PLC) DEVICES.....	3637
<i>Chur Kim ; Dohyun Kim ; Jieun Bae ; Sun Young Choi ; Hwanseong Jeong ; Sang Jun Cha ; Ki Sun Choi ; Jeong-Woo Lee ; Dong-Il Yeom ; Fabian Rotermund ; Jungwon Kim</i>	
THE EFFECT ON KERR COMB GENERATION IN MODE COUPLED WGM MICROCAVITY	3639
<i>Shun Fujii ; Yusuke Okabe ; Wataru Yoshiki ; Takumi Kalo ; Akitoshi Chen-Jinnai ; Tomoya Kobatake ; Takasumi Tanabe</i>	
OFFSET FREQUENCY TUNING OF A MICROCOMB WITH AN INTEGRATED MICROHEATER.....	3641
<i>Xiaoxiao Xue ; Yi Xuan ; Cong Wang ; Pei-Hsun Wang ; Yang Liu ; Daniel E. Leaird ; Minghao Qi ; Andrew M. Weiner</i>	
WGM RESONATORS AS UNIVERSAL NONLINEAR SCATTERING PLATFORMS.....	3643
<i>Guoping Lin ; Souleymane Diallo ; Yanne K. Chembo</i>	
AN OCTAVE-BANDWIDTH KERR OPTICAL FREQUENCY COMB ON A SILICON CHIP.....	3645
<i>T. E. Drake ; T. C. Briles ; Q. Li ; D. A. Westly ; R. Ilic ; J. R. Stone ; K. Srinivasan ; S. A. Diddams ; S. B. Papp</i>	
DEMONSTRATION OF A SOLITON FREQUENCY COMB IN A HIGH-Q SILICA MICRORESONATOR.....	3647
<i>Xu Yi ; Qi-Fan Yang ; Ki Youl Yang ; Myoung-Gyun Suh ; Kerry Vahala</i>	
LOW-LOSS AIR-CLAD SUSPENDED SILICON PLATFORM FOR MID-INFRARED PHOTONICS.....	3649
<i>Steven A. Miller ; Austin G. Griffith ; Mengjie Yu ; Alexander L. Gaeta ; Michal Lipson</i>	
KERR COMB GENERATION WITH SUPPRESSED CAVITY-OPTOMECHANICAL OSCILLATION IN TOROID MICROCAVITY	3651
<i>Ryo Suzuki ; Takumi Kato ; Akitoshi Chen-Jinnai ; Takuma Nagano ; Tomoya Kobatake ; Takasumi Tanabe</i>	
RED TO GREEN OPTICAL EMISSION FROM (AL,Ga)AS/GAP QUANTUM STRUCTURES.....	3653
<i>Fariba Hatami ; Shabnam Dadgostar ; Christian Golz ; Ted W. Masselink</i>	
ENHANCEMENT OF THE MODULATION BANDWIDTH FOR SURFACE PLASMON COUPLED LEDS FOR VISIBLE LIGHT COMMUNICATION.....	3655
<i>Jiehui Li ; Ahmed Fadil ; Haiyan Ou ; Nan Chi</i>	
HIGH-REFLECTIVITY DUV MIRRORS PREPARED BY DIRECT SPUTTERING	3657
<i>Hongjun Yang ; Deyin Zhao ; Shih-Chia Liu ; Yonghao Liu ; Jung-Hun Seo ; Matt Hodek ; Zhenqiang Ma ; John D. Albrecht ; Baxter Moody ; Weidong Zhou</i>	
GROWTH OF SINGLE-PHASE WURTZITE BALN WITH 7.2%-B CONTENTS	3659
<i>Xiaohang Li ; Shuo Wang ; Hanxiao Liu ; Fernando Ponce ; Theeradetch Detchprohm ; Russell Dupuis</i>	
250 NM DEEP UV LED USING GAN/ALN HETEROSTRUCTURES ON BULK ALN SUBSTRATES	3661
<i>S M Islam ; Vladimir Protasenko ; Huili Grace Xing ; Debdeep Jena</i>	
INVESTIGATIONS OF THIN P-GAN LIGHT-EMITTING DIODES WITH SURFACE PLASMON COMPATIBLE METALLIZATION.....	3663
<i>Ahmed Fadil ; Yiyu Ou ; Daisuke Iida ; Oleksii Kopylov ; Haiyan Ou</i>	
HIGH YIELD FABRICATION OF SPSSL-BASED DUVLEDS ON 6-INCH SAPPHIRE SUBSTRATES.....	3665
<i>L. Anderson ; P. Atanackovic ; T. Bray ; S. Duvall ; C. Escott ; C. Flynn ; A. Giussani ; M. Godfrey ; B. Hayden ; M. Hiscocks ; W. Lee ; N. Patel ; L. W. Sim ; R. Singh ; M. Stewart ; J. Tang ; P. Toumbeleki</i>	
DIRECT GROWTH OF HIGH-POWER INGAN/GAN QUANTUM-DISKS-IN-NANOWIRES RED LIGHT-EMITTING DIODES ON POLYCRYSTALLINE MOLYBDENUM SUBSTRATES.....	3667
<i>Chao Zhao ; Tien Khee Ng ; Nini Wei ; Aditya Prbaswara ; Mohd S. Alias ; Bilal Janjua ; Chao Shen ; Giuseppe Bernardo Consiglio ; Ahmed Y. Alyamani ; Munir M. El-Desouki ; Boon S. Ooi</i>	
OPTOMECHANICAL TORQUE MAGNETOMETRY	3669
<i>Marcelo Wu ; Nathanael L. -Y. Wu ; Tayyaba Firdous ; Fatemeh Fani Sani ; Joseph E. Losby ; Mark R. Freeman ; Paul E. Barclay</i>	
MATERIAL LIMITED HIGH-Q MECHANICAL PADDLE-RESONATOR.....	3671
<i>Gustavo O. Luiz ; Felipe G. S. Santos ; Rodrigo Benevides ; Yovanny A. V. Espinel ; Thiago P. M. Alegre ; Gustavo S. Wiederhecker</i>	
DIAMOND MICRODISK CAVITY OPTOMECHANICS	3673
<i>Matthew Mitchell ; Behzad Khanaliloo ; David P. Lake ; Paul E. Barclay</i>	
BULLSEYE OPTOMECHANICAL RESONATOR	3675
<i>Felipe G. S. Santos ; Yovanny A. V. Espinel ; Gustavo O. Luiz ; Rodrigo S. Benevides ; Gustavo S. Wiederhecker ; Thiago P. Mayer Alegre</i>	
A HIGH-FREQUENCY REGENERATIVE OPTOMECHANICAL OSCILLATOR ON LITHIUM-NIOBATE-ON-INSULATOR PLATFORM.....	3677
<i>Wei C. Jiang ; Qiang Lin</i>	

WIDE OPTICAL FORCE-INDUCED RF DYNAMIC RANGE AND 100+ HIGH-ORDER STABLE MECHANISMS IN CHIP-SCALE OPTOMECHANICAL CAVITIES	3679
<i>Yongjun Huang ; Jaime Gonzalo Flor Flores ; Ziqiang Cai ; Mingbin Yu ; Dim-Lee Kwong ; Guangjun Wen ; Layne Churchill ; Chee Wei Wong</i>	
VERTICALLY STACKED HETEROSTRUCTURES FOR TUNABLE PHOTONIC DEVICES — FROM 2D MATERIALS TO HYBRID PEROVSKITES	3681
<i>Hung-Chieh Cheng ; Yu Huang ; Xiangfeng Duan</i>	
HIGH RESPONSIVITY GRAPHENE-SOI HETEROJUNCTION PHOTODETECTORS AND IMAGING ARRAY	3683
<i>Che-Hung Liu ; You-Chia Chang ; Fuxi Cai ; Miao-Bin Lien ; Dehui Zhang ; Wei Lu ; Theodore B Norris ; Zhaohui Zhong</i>	
ANTENNA-COUPLED OPTOELECTRONICS WITH TWO-DIMENSIONAL MATERIALS	3685
<i>Palash Bharadwaj ; Markus Parzefall ; Achint Jain ; Nikolaus Flory ; Lukas Novotny</i>	
QUANTUM NANOPHOTONICS WITH LOCALIZED EXCITONS IN ATOMICALLY THIN SEMICONDUCTORS	3687
<i>Chitraleema Chakraborty</i>	
CAVITY-ENHANCED NARROWBAND RADIATION OF AN ELECTRICALLY DRIVEN GRAPHENE LIGHT EMITTER	3688
<i>Ren-Jye Shiue ; Yuanda Gao ; Cheng Peng ; Cheng Tan ; Dmitri K. Efetov ; Young Duck Kim ; James Hone ; Dirk Englund</i>	
100G CWDM4 SMF OPTICAL INTERCONNECTS FOR FACEBOOK DATA CENTERS	3690
<i>Abhijit Chakravarty ; Katharine Schmidtke ; Srinivasan Giridharan ; John Huang ; Vincent Zeng</i>	
REINVENTING THE CIRCUIT BOARD WITH INTEGRATED OPTICAL INTERCONNECTS	3691
<i>Andrew Michaels ; Eli Yablonovitch</i>	
MONOLITHIC PHOTONIC BICMOS SUB-SYSTEM COMPRISING MZM AND SEGMENTED DRIVER WITH 13 DB ER AT 28 GB/S	3693
<i>Despoina Petousi ; Lars Zimmermann ; Pedro Rito ; Marcel Kroh ; Dieter Knoll ; Stefan Lischke ; Christian Mai ; Iria Garcia Lopez ; Ahmet Cagri Ulusoy ; Georg Winzer ; Karsten Voigt ; Klaus Petermann</i>	
56-GBPS OOK TRANSMISSION USING SILICON MICRORING ASSISTED MACH-ZEHNDER INTERFEROMETER	3695
<i>Rui Li ; Alireza Samani ; Eslam El-Fiky ; David Patel ; Qiuhang Zhong ; David V. Plant</i>	
HIGH-BANDWIDTH LINK WITH SINGLE LASER INPUT USING SILICON MODULATORS AND MODE MULTIPLEXING	3697
<i>Brian Stern ; Michal Lipson</i>	
MODE DIVISION MULTIPLEXED 3×28 GBIT/S ON-CHIP PHOTONIC INTERCONNECTS	3699
<i>Xinru Wu ; Ke Xu ; Chaoran Huang ; Chester Shu ; Hon Ki Tsang</i>	
BPSK AND PAM MODULATION IN A SINGLE-DRIVE PUSH-PULL SILICON MICHELSON INTERFEROMETRIC MODULATOR	3701
<i>Minjuan Wang ; Linjie Zhou ; Yanyang Zhou ; Jianping Chen</i>	
SILICON PHOTONIC POLARIZATION RECEIVER WITH AUTOMATED STABILIZATION FOR ARBITRARY INPUT POLARIZATIONS	3703
<i>Minglei Ma ; Kyle Murray ; Mengyuan Ye ; Stephen Lin ; Yun Wang ; Zeqin Lu ; Han Yun ; Ricky Hu ; Nicolas A. F. Jaeger ; Lukas Chrostowski</i>	
SELF-HETERODYNE BRILLOUIN DYNAMIC GRATINGS REFLECTOMETRY	3705
<i>Arik Bergman ; Tomi Langer ; Moshe Tur</i>	
SIMULTANEOUS MEASUREMENT OF DISTANCE AND TEMPERATURE USING FBGS AND TWO-PHOTON ABSORPTION PROCESS IN SI-APD	3707
<i>Yosuke Tanaka ; Taiki Hirasakura ; Yoshiki Yamada ; Masaya Nemoto ; Takashi Kurokawa</i>	
HIGHLY SENSITIVE AND STABLE ALL-FIBER PHOTOTHERMAL SPECTROSCOPIC GAS SENSOR	3709
<i>Yuechuan Lin ; Wei Jin ; Fan Yang ; Chao Wang</i>	
GRATING ENHANCED BACK SCATTER FIBER FOR DISTRIBUTED SENSING	3711
<i>P. S. Westbrook ; T. Kremp ; K. S. Feder ; T. F. Taunay ; E. Monberg ; R. Ortiz</i>	
ULTRA-COMPACT STRAIN- AND TEMPERATURE-INSENSITIVE TORSION SENSOR BASED ON A LINE-BY-LINE INSCRIBED PHASE-SHIFTED FBG	3713
<i>Bo Huang ; Xuewen Shu</i>	
FULLY-INTEGRATED NANOMECHANICAL WAVELENGTH AND DISPLACEMENT SENSOR	3715
<i>Ž. Zobenica ; R. W. Van Der Heijden ; M. Petruzzella ; F. Pagliano ; R. Leijssen ; L. Midolo T. Xia ; M. Cotrufo ; Y. -J. Cho ; F. W. M. Van Otten ; E. Verhagen ; A. Fiore</i>	
HETERODYNE SPECKLE IMAGER FOR SIMULTANEOUS OBSERVATION OF 3 DEGREES OF VIBRATIONAL FREEDOM	3717
<i>James Perea ; Brad Libbey</i>	
DUAL-SIDEBAND LINEAR FMCW LIDAR WITH HOMODYNE DETECTION FOR APPLICATION IN 3D IMAGING	3719
<i>Phillip A. M. Sandborn ; Noriaki Kaneda ; Young-Kai Chen ; Ming C. Wu</i>	
TEMPORAL CHARACTERIZATION OF FRONT-END FOR YB-BASED HIGH-ENERGY OPTICAL WAVEFORM SYNTHESIZERS	3721
<i>Hüseyin Çankaya ; Anne-Laure Calendron ; Giovanni Cirmi ; Chun Zhou ; Oliver D. Mücke ; Franz X. Kärtner</i>	
PTYCHOGRAPHIC RECONSTRUCTION ALGORITHM FOR FROG: SUPREME ROBUSTNESS AND SUPER-RESOLUTION	3723
<i>Pavel Sidorenko ; Oren Lahav ; Zohar Avnat ; Oren Cohen</i>	

SINGLE-SHOT CHARACTERIZATION OF PICOSECOND OPTICAL PULSES BY SPECTRAL PHASE DIVERSITY	3725
<i>C. Dorrer ; L. J. Waxer ; A. Kalb ; E. M. Hill ; J. Bromage</i>	
SHORT WAVELENGTH TAIL EFFECTS IN MULTIPHOTON INDUCED LUMINESCENCE FROM ZNO USING SUB-10 FS Ti:SA PULSES	3727
<i>J. Hytti ; R. Grunwald ; M. Perestjuk ; F. Güell ; C. Gray ; E. McGlynn ; G. Steinmeyer</i>	
IN-BAND-PUMPED MODE-LOCKED HO:YAG CERAMIC LASER AT 2.1 μM	3729
<i>Yicheng Wang ; Ruijun Lan ; Xavier Mateos ; Jiang Li ; Yubai Pan ; Soile Suomalainen ; Antti Härkönen ; Mircea Guina ; Uwe Griebner ; Valentin Petrov</i>	
SDL IN-BAND PUMPED Q-SWITCHED 2.1 μM HO:YAG LASER	3731
<i>K. Scholle ; S. Lamrini ; S. Adler ; P. Holl ; E. Diwo ; M. Rattunde ; P. Fuhrberg</i>	
HIGH RESOLUTION SPECTROSCOPY FOR CRYOGENIC HO:YAG LASER	3733
<i>Miftar Ganija ; Nikita Simakov ; Alexander Hemming ; John Haub ; Peter Veitch ; Jesper Munch</i>	
PICOSECOND 40 MJ, 1 KHZ HO:YLF AMPLIFIER AT 2 μM	3735
<i>Martin Bock ; Lorenz Von Grafenstein ; Uwe Griebner ; Thomas Elsaesser</i>	
HIGH PEAK POWER, SHORT PULSE DURATION ER:YAG LASERS USING Q-SWITCHING AND CAVITY DUMPING	3737
<i>David J. Ottaway ; Lachlan Harris ; Myles Clark ; Peter J. Veitch</i>	
PASSIVE Q-SWITCHING OF HO:YAG CERAMIC LASERS AT 2.1 μM	3739
<i>Ruijun Lan ; Pavel Loiko ; Xavier Mateos ; Yicheng Wang ; Jiang Li ; Yubai Pan ; Sun Young Choi ; Mi Hye Kim ; Fabian Rotermund ; Anatoly Ysukevich ; Konstantin Yumashev ; Uwe Griebner ; Valentin Petrov</i>	
SINGLE-FREQUENCY INJECTION-SEEDED Q-SWITCHED HO:YAG LASER	3741
<i>Qing Wang ; Chunqing Gao ; Quanxin Na ; Mingwei Gao ; Yixuan Zhang ; Yan Li</i>	
240 W DIODE-SEEDED NANOSECOND THULIUM-DOPED FIBER MOPA SYSTEM INCORPORATING ACTIVE PULSE SHAPING	3743
<i>Hongxing Shi ; Fangzhou Tan ; Yi Cao ; Peng Wang ; Chen Liu ; Jiang Liu ; Pu Wang</i>	
FIRST DEMONSTRATION OF LOW LOSS, BEND INSENSITIVE 37-CELL HOLLOW-CORE PHOTONIC BANDGAP FIBER AT 1μM FOR HIGH POWER DELIVERY APPLICATIONS	3745
<i>Y. Chen ; H. C. H. Mulvad ; S. R. Sandoghchi ; E. Numkam ; T. D. Bradley ; J. R. Hayes ; N. V. Wheeler ; G. T. Jasion ; S. U. Alam ; F. Poletti ; M. N. Petrovich ; D. J. Richardson</i>	
LOW LOSS INHIBITED COUPLING HOLLOW-CORE PHOTONIC CRYSTAL FIBER WITH ULTRABROAD FUNDAMENTAL BAND	3747
<i>B. Debord ; A. Amsanpally ; J. M. Blondy ; F. Gérôme ; F. Benabid</i>	
SPECTRAL BROADENING AND PULSE COMPRESSION USING ARGON FILLED HOLLOW-CORE NEGATIVE CURVATURE FIBER	3749
<i>C. M. Harvey ; F. Yu ; J. C. Knight ; W. J. Wadsworth ; P. J. Almeida</i>	
EXPERIMENTAL CHARACTERISATION OF LONGITUDINAL UNIFORMITY IN PHOTONIC CRYSTAL FIBRE	3751
<i>Robert J. A. Francis-Jones ; Peter J. Mosley</i>	
SPECTRAL DYNAMICS OF HIGH POWER 1.8 μM LASER-PULSE GENERATED BY RAMAN CONVERSION OF A PICOSECOND YB-LASER IN HYDROGEN-FILLED KAGOME HC-PCF	3753
<i>A. Benoit ; B. Beaudou ; E. Ilinova ; B. Debord ; F. Gérôme ; F. Benabid</i>	
TWIST-TUNING OF HIGHER-ORDER MODE SUPPRESSION IN SINGLE-RING HOLLOW-CORE PHOTONIC CRYSTAL FIBERS	3755
<i>Mehmet C. Günenli ; Nitin N. Edavalath ; Ramin Beravat ; Gordon K. L. Wong ; Michael H. Frosz ; Patrick Uebel ; Philip St. J. Russell</i>	
MODAL ANALYSIS OF ANTI-RESONANT HOLLOW CORE FIBERS	3757
<i>Amy Van Newkirk ; J. E. Antonio-Lopez ; James Anderson ; Roberto Alvarez-Aguirre ; Zeinab Sanjabi Eznaveh ; Rodrigo Amezcua-Correa ; Axel Schülzgen</i>	
S₂ MEASUREMENT OF HIGHER ORDER MODE CONTENT IN LOW LOSS HYPOCYCLOID KAGOMÉ HOLLOW CORE PHOTONIC CRYSTAL FIBER	3759
<i>Thomas D. Bradley ; Natalie V. Wheeler ; Gregory T. Jasion ; David Gray ; John Hayes ; Marcelo Botelho Alonso ; Seyed R. Sandoghchi ; Yong Chen ; Francesco Poletti ; Marco Petrovich ; David Richardson</i>	
GENERATION OF SINGLE-MODE AND PHASE-LOCKED FREQUENCY MICROCOMBS WITHOUT MODE CROSSINGS	3761
<i>H. Liu ; S. -W. Huang ; J. Yang ; A. K. Vinod ; M. Yu ; D. -L. Kwong ; C. W. Wong</i>	
BROADBAND VISIBLE COMB GENERATION VIA THIRD HARMONIC GENERATION ASSISTED BY STIMULATED RAMAN SCATTERING	3763
<i>Takumi Kato ; Akitoshi Chen-Jinnai ; Shun Fujii ; Takasumi Tanabe</i>	
THERMALLY-CONTROLLED SINGLE-SOLITON MODELOCKING IN SILICON NITRIDE MICRORESONATORS	3765
<i>Chaitanya S. Joshi ; Jae K. Jang ; Kevin Luke ; Xingchen Ji ; Alexander Klenner ; Yoshitomo Okawachi ; Michal Lipson ; Alexander L. Gaeta</i>	
ANOMALOUS DISPERSION IN 300 NM-THICK Si₃N₄ CONCENTRIC-RING-RESONATORS	3767
<i>Sangsik Kim ; Kyunghun Han ; Jose A. Jaramillo-Villegas ; Xiaoxiao Xue ; Yi Xuan ; Andrew M. Weiner ; Minghao Qi</i>	
DISPERSION ENGINEERED HIGH-Q RESONATORS ON A CHIP	3769
<i>Ki Youl Yang ; Katja Beha ; Dan Cole ; Xu Yi ; Pascal Del'Haye ; Hansuek Lee ; Jiang Li ; Dong Yoon Oh ; Scott A. Diddams ; Scott B. Papp ; Kerry J. Vahala</i>	
COUPLING IDEALITY OF INTEGRATED SILICON NITRIDE MICRORESONATORS FOR NONLINEAR PHOTONICS	3771
<i>M. H. P. Pfeiffer ; J. Liu ; M. Geiselmann ; A. Kordts ; V. Brasch ; M. Karpov ; H. Guo ; T. J. Kippenberg</i>	

CMOS-COMPATIBLE SILICON-RICH NITRIDE WAVEGUIDES FOR ULTRAFAST NONLINEAR SIGNAL PROCESSING	3773
<i>C. Lacava ; S. Stankovic ; A. Z. Khokhar ; T. Dominguez Bucio ; F. Y. Gardes ; D. J. Richardson ; G. T. Reed ; P. Petropoulos</i>	
GERMANIUM-CORE BOROSILICATE GLASS-CLADDED SEMICONDUCTOR FIBERS FOR MID-IR APPLICATIONS	3775
<i>M. Ordu ; J. Guo ; S. Erramilli ; S. Ramachandran ; S. N. Basu</i>	
TOWARDS MID-IR WAVEGUIDE LASERS: TRANSITION METAL DOPED ZNS THIN FILMS	3777
<i>Eric A. Karhu ; Nikolai Tolstik ; Evgeni Sorokin ; Stanislav M. Polyakov ; Reza Zamiri ; Vedran Furtula ; Ulf L. Österberg ; Irina T. Sorokina ; Ursula J. Gibson</i>	
A RELIABLE APPROACH TO MEMBRANE PHOTONICS: THE T-GUIDE	3779
<i>Jeff Chiles ; Sasan Fathpour</i>	
THREE-DIMENSIONAL DIRAC SEMIMETAL CD₃AS₂ AS HIGH-PERFORMANCE 2–5 μM SATURABLE ABSORBERS	3781
<i>Chunhui Zhu ; Yafei Meng ; Xiang Yuan ; Faxian Xiu ; Yongbing Xu ; Fengqiu Wang</i>	
MID-INFRARED 2D PHOTODETECTOR BASED ON BILAYER PTSE₂	3783
<i>Xuechao Yu ; Peng Yu ; Zheng Liu ; Qi Jie Wang</i>	
A NOVEL INSB-BASED PHOTO-PIXEL WITH A MONOLITHICALLY INTEGRATED GAAS MESFET FOR VIDEO RATE SAMPLING	3785
<i>Chengzhi Xie ; Vincenzo Pusino ; Ata Khalid ; Mohsin Aziz ; Matthew J. Steer ; David R. S. Cumming</i>	
OPTICAL QUALITY ZNSE FILMS ON SILICON FOR MID-IR WAVEGUIDES	3787
<i>Vinita Mittal ; James S Wilkinson ; Ganapathy Senthil Murugan</i>	
MULTI-LEADS, TWO-COLOR, ZNCDSE/ZNCDMGSE BASED QUANTUM WELL INFRARED PHOTODETECTORS	3789
<i>Yasin Kaya ; Arvind Ravikumar ; Guopeng Chen ; Maria C. Tamargo ; Aidong Shen ; Claire Gmachl</i>	
FREQUENCY COMB GENERATION IN DISPERSIVE OPTICAL MICRORESONATORS	3791
<i>Andrew M. Weiner</i>	
SOLITON PULSE FORMATION IN A CALCIUM FLUORIDE WHISPERING GALLERY MICROCAVITY WITHOUT FREQUENCY SWEEPING	3792
<i>Hiroki Itobe ; Tomoya Kobatake ; Yosuke Nakagawa ; Takumi Kato ; Yuta Mizumoto ; Hiroi Kangawa ; Yasuhiro Kakinuma ; Takasumi Tanabe</i>	
STABILIZING MULTIPLE SOLITONS IN KERR MICRORESONATOR FREQUENCY COMBS	3794
<i>Erin S. Lamb ; Daniel C. Cole ; Pascal Del'Haye ; Ki Youl Yang ; Kerry J. Vahala ; Scott A. Diddams ; Scott B. Papp</i>	
GENERATION OF AN OPTICAL FREQUENCY COMB IN THE GREEN WITH SILICON NITRIDE MICRORESONATORS	3796
<i>Nicolas Volet ; Lin Chang ; Leiran Wang ; Martin H. P. Pfeiffer ; Michael Zervas ; Hairun Guo ; Tobias J. Kippenberg ; John E. Bowers</i>	
GENERATION OF DUAL FREQUENCY COMBS USING CASCADED MICRORING RESONATORS	3798
<i>Avik Dutt ; Jaime Cardenas ; Yoshitomo Okawachi ; Chaitanya Joshi ; Xingchen Ji ; Kevin Luke ; Alexander L. Gaeta ; Michal Lipson</i>	
WIRELESS OPTICAL TRANSMISSION OF 450 NM, 3.2 GBIT/S 16-QAM-OFDM SIGNALS OVER 6.6 M UNDERWATER CHANNEL	3800
<i>Hassan M. Oubei ; José R. Durán ; Bilal Janjua ; Huai-Yung Wang ; Cheng-Ting Tsai ; Yu-Cheih Chi ; Tien Khee Ng ; Hao-Chung Kuo ; Hau He ; Mohamed-Slim Alouini ; Gong-Ru Lin ; Boon S. Ooi</i>	
CMA EQUALIZATION FOR A 2 GB/S ORBITAL ANGULAR MOMENTUM MULTIPLEXED OPTICAL UNDERWATER LINK THROUGH THERMALLY INDUCED REFRACTIVE INDEX INHOMOGENEITY	3802
<i>Long Li ; Yongxiong Ren ; Yinwen Cao ; Guodong Xie ; Zhe Zhao ; Zhe Wang ; Cong Liu ; Yan Yan ; Nisar Ahmed ; Asher J. Willner ; Nima Ashrafi ; Solyman Ashrafi ; Moshe Tur ; Alan E. Willner</i>	
STUDY OF ORBITAL ANGULAR MOMENTUM MODE CROSSTALK INDUCED BY PROPAGATION THROUGH WATER	3804
<i>Shaun Viola ; Manousos Valyrakis ; Anthony E. Kelly ; Martin P. J. Lavry</i>	
4 GBIT/S UNDERWATER OPTICAL TRANSMISSION USING OAM MULTIPLEXING AND DIRECTLY MODULATED GREEN LASER	3806
<i>Yongxiong Ren ; Long Li ; Zhe Zhao ; Guodong Xie ; Zhe Wang ; Nisar Ahmed ; Yan Yan ; Yinwen Cao ; Asher J. Willner ; Cong Liu ; Nima Ashrai ; Solyman Ashrafi ; Moshe Tur ; Alan E. Willner</i>	
A 100M/40GBPS 680-NM VCSEL-BASED LIFI TRANSMISSION SYSTEM	3808
<i>Chung-Yi Li ; Hai-Han Lu ; Ting-Chieh Lu ; Wen-Shing Tsai ; Bo-Rui Chen ; Chien-An Chu ; Chang-Jen Wu ; Chen-Hong Liao</i>	
OAM CHANNEL EFFICIENCY IN THE PRESENCE OF TURBULENCE FOR LAGUERRE- AND BESSEL-GAUSS BEAMS	3810
<i>Timothy Doster ; Abbie T. Watnik</i>	
THE EFFECT OF PHOSPHOR CONCENTRATION ON LASER-BASED WHITE LIGHT COMMUNICATION SYSTEM	3812
<i>Dan-Hua Hsieh ; Tsai-Chen Wu ; Yu-Chieh Chi ; Yi-Rou Chen ; Chia-Yen Huang ; Hao-Chung Kuo ; Gong-Ru Lin</i>	
SILK-BASED MATERIALS FOR TECHNOLOGY AT THE MICRO-AND NANOSCALE	3814
<i>Fiorenzo G. Omenetto</i>	
TUNABLE ON CHIP OPTOFLUIDIC LASER	3815
<i>Avraham Bakal ; Christoph Vannahme ; Anders Kristensen ; Uriel Levy</i>	
MODULAR OPTOFLUIDIC SYSTEMS: A TOOLBOX FOR FAST AND SIMPLE ASSEMBLY OF A PHOTONIC LAB ON A CHIP	3817
<i>Tobias N. Ackermann ; Jordi Vila-Planas ; Xavier Muñoz-Berbel ; Erica Alvarez-Conde ; Daniel Kopp ; Hans Zappe ; Andreu Llobera</i>	

DETECTING SINGLE MOLECULE ON BIOENABLED OPTOFLUIDIC BIOSENSORS BY INKJET PRINTING	3819
<i>Xianming Kong ; Yuting Xi ; Paul Leduff ; Ye Liu ; Li-Jing Cheng ; Gregory L. Rorrer ; Alan X. Wang</i>	
COMPRESSIVE OPTICAL IMAGING USING A MULTI-CORE FIBER AND SPATIALLY DEPENDENT SCATTERING	3821
<i>Jaewook Shin ; Bryan T. Bosworth ; Mark A. Foster</i>	
SATURABLE ABSORBER DECOUPLES NOISE STABILIZATION IN DUAL-COMB MODELOCKED LASERS	3823
<i>S. M. Link ; C. G. E. Alfieri ; D. Waldburger ; M. Golling ; A. Klenner ; U. Keller</i>	
PHASE NOISE-INDUCED BIASES IN COHERENT DUAL-COMB SPECTROSCOPY	3825
<i>G. -W. Truong ; K. C. Cossel ; E. M. Waxman ; F. R. Giorgetta ; I. Coddington ; N. R. Newbury</i>	
SCAN-LESS, LINE-FIELD, CONFOCAL MICROSCOPY BASED ON DIMENSIONAL-CONVERSION OPTICAL FREQUENCY COMB	3827
<i>E. Hase ; S. Miyamoto ; Y. -D. Hsieh ; T. Minamikawa ; H. Yamamoto ; T. Yasui</i>	
NON-SCANNING THREE-DIMENSIONAL IMAGING USING SPECTRAL INTERFEROMETRY WITH CHIRPED FREQUENCY COMB	3829
<i>Takashi Kato ; Megumi Uchida ; Kaoru Minoshima</i>	
DUAL-OPTICAL-COMB SPECTROSCOPIC ELLIPSOMETRY	3831
<i>Takeo Minamikawa ; Yi-Da Hsieh ; Kyuki Shibuya ; Yoshiaki Kaneoka ; Sho Okubo ; Hajime Inaba ; Yasuhiro Mizutani ; Takeshi Yasui ; Tetsuo Iwata</i>	
BIDIRECTIONAL KERR-LENS MODE-LOCKED DUAL-COMB RING LASER	3833
<i>Takuro Ideguchi ; Tasuku Nakamura ; Yohei Kobayashi ; Keisuke Goda</i>	
DUAL-COMB SPECTROSCOPY FOR SOLID-STATE PHYSICS AND EXTENSION TOWARD TIME-RESOLVED MEASUREMENT	3835
<i>Akifumi Asahara ; Akiko Nishiyama ; Satoru Yoshida ; Ken-Ichi Kondo ; Yoshiaki Nakajima ; Kaoru Minoshima</i>	
DUAL-FREQUENCY COMB SPECTROSCOPY: A DIGITAL SOLUTION FOR COHERENT AVERAGING	3837
<i>Yuwei Jin ; Simona M. Cristescu ; Frans J. M. Harren ; Julien Mandon</i>	
A QUARTER CENTURY OF PHOTONIC CRYSTAL FIBRE	3839
<i>Philip Russell</i>	
ULTRAHIGH AND PERSISTENT OPTICAL DEPTHS OF ALKALI VAPOURS FOR QUANTUM MEMORIES IN HOLLOW-CORE PHOTONIC CRYSTAL FIBERS	3841
<i>Krzysztof T. Kaczmarek ; Dylan J. Saunders ; Amir Feizpour ; Patrick M. Ledingham ; Benjamin Brecht ; Eilon Poem ; Ian A. Walmsley ; Joshua Nunn</i>	
NEW PROSPECTS IN NONLINEAR OPTICS WITH TOPOGRAPHIC OPTICAL FIBERS	3843
<i>Arnaud Mussot</i>	
LOW BENDING LOSS NODELESS HOLLOW-CORE ANTI-RESONANT FIBER	3844
<i>Shoufei Gao ; Yingying Wang ; Xiaolu Liu ; Pu Wang</i>	
USEFUL LIGHT FROM PHOTONIC CRYSTAL FIBRES	3846
<i>William J. Wadsworth ; Fei Yu ; Jonathan C. Knight</i>	
NANOSCALE IMAGING WITH TERAHERTZ PULSES	3848
<i>Frank A. Hegmann</i>	
TERAHERTZ EMISSION IMAGING OF THE SELECTED SUBCELLS DEEP INSIDE TANDEM SOLAR CELLS	3849
<i>Shota Hamauchi ; Yuji Sakai ; Toshihito Umegaki ; Iwao Kawayama ; Akira Ito ; Hidetoshi Nakanishi ; Hironaru Murakami ; Masayoshi Tonouchi</i>	
EVALUATION OF SI-SIO_x INTERFACE USING LASER TERAHERTZ EMISSION MICROSCOPE (LTEM)	3851
<i>Toshimitsu Mochizuki ; Akira Ito ; Hidetoshi Nakanishi ; Katsuto Tanahashi ; Iwao Kawayama ; Masayoshi Tonouchi ; Katsuhiko Shirasawa ; Hidetaka Takato</i>	
TAKING SUB-CYCLE THZ NANOSCOPY TO THE LIMITS	3853
<i>T. L. Cocker ; M. A. Huber ; M. Eisele ; M. Plankl ; L. Viti ; R. E. Marvel ; F. Sandner ; F. Mooshammer ; T. Korn ; C. Schüller ; D. Ercolani ; L. Sorba ; R. F. Haglund ; M. S. Vitiello ; R. Huber</i>	
PHOTOPHYSICS OF ORGANIC-INORGANIC LEAD HALIDE PEROVSKITES FOR OPTICALLY PUMPED LASING STRUCTURES	3855
<i>Felix Deschler</i>	
HYBRID PEROVSKITE VERTICAL-CAVITY SURFACE-EMITTING LASER DEPLOYING NANOPOROUS GAN DIELECTRIC REFLECTOR TECHNOLOGY	3857
<i>Songtao Chen ; Cheng Zhang ; Joonhee Lee ; Jung Han ; Arto Nurmikko</i>	
GAIN SPECTROSCOPY AND TUNABLE SINGLE MODE LASING OF SOLUTION-BASED QUANTUM DOTS AND NANOPATELETS USING TUNABLE OPEN MICROCAVITIES	3859
<i>Robin K. Patel ; Aurélien A. P. Trichet ; David M. Coles ; Philip R. Dolan ; Simon M. Fairclough ; S. C. Edman Tsang ; Marina A. Leontiadou ; David J. Binks ; Eunjoo Jang ; Hyosook Jang ; Robert A. Taylor ; Sotiris Christodoulou ; Iwan Moreels ; Jason M. Smith</i>	
DRAMATIC AND PREVIOUSLY OVERLOOKED INTERACTION BETWEEN STRAIN AND PARASITIC ABSORPTION IN GERMANIUM WITH MAJOR IMPLICATIONS FOR SI-COMPATIBLE LASING	3861
<i>Shashank Gupta ; Jan Petykiewicz ; Donguk Nam ; David Sukhdeo ; Jelena Vuckovic ; Krishna Saraswat</i>	
PLASMON-ENHANCED ELECTRICALLY PUMPED RANDOM LASING IN ZNO METAL-SEMICONDUCTOR-METAL DEVICES	3863
<i>Mohammad Suja ; Sunayna Binte Bashir ; Jianlin Liu</i>	
ELECTRICALLY PUMPED WHISPERING GALLERY MODE LASING FROM AU/ZNO MICROWIRE SCHOTTKY JUNCTION	3865
<i>Sunayna Binte Bashir ; Mohammad Suja ; Chunxia Wu ; Hao Tian ; Wenhao Shi ; Jianlin Liu</i>	

SOFT GLASS OPTICAL FIBERS FOR NONLINEAR APPLICATIONS	3867
<i>Yasutake Ohishi</i>	
COHERENT RAMAN GAIN SUPPRESSION IN A GAS-FILLED HOLLOW-CORE PCF PUMPED IN THE DEEP ULTRAVIOLET	3869
<i>David Novoa ; Manoj K. Mridha ; Sebastian T. Bauerschmidt ; Philip St. J. Russell</i>	
BRILLOUIN GAIN SPECTRA MEASUREMENT OF VECTOR MODES IN A FEW-MODE FIBER	3871
<i>Prabin Pradhan ; Dipankar Sengupta ; Lixian Wang ; Véronique Francois ; Christine Tremblay ; Sophie Laroche ; Bora Ung</i>	
PARAMETRIC FOUR-WAVE MIXING IN STRONGLY DRIVEN RAMAN MOLECULAR GAS	3873
<i>A. Benoit ; B. Beaudou ; B. Debord ; F. Gérôme ; F. Benabid</i>	
OPTIMIZATION OF MODE-DEPENDENT GAIN EFFICIENCY BASED ON INTERMODAL RAMAN SCATTERING FOR FEW-MODE DISTRIBUTED RAMAN AMPLIFIER	3875
<i>Yi Weng ; Ting Wang ; Zhongqi Pan</i>	
LASING FREQUENCY SELF-STABILIZATION IN BRILLOUIN FIBER LASERS	3877
<i>Omer Kotlicki ; Jacob Scheuer</i>	
GENERATION OF SPECTRALLY-ISOLATED VIOLET TO BLUE WAVELENGTHS BY CASCADED DEGENERATE FOUR-WAVE MIXING	3879
<i>Jinhui Yuan ; Zhe Kang ; Xianting Zhang ; Xinzhu Sang ; Binbin Yan ; Feng Li ; Kuiru Wang ; Chongxiu Yu ; Hwa Yaw Tam ; P. K. A. Wai</i>	
OCTAVE-BAND TUNABLE (0.74–1.89μM) OPTICAL VORTEX LASER	3881
<i>Aizitaili Abulikemu ; Taximaiti Yusufu ; Roukaya Mamuti ; Katsuhiko Miyamoto ; Takashige Omatsu</i>	
TUNABLE, CONTINUOUS-WAVE, DOUBLY-RESONANT VORTEX BEAM OPTICAL PARAMETRIC OSCILLATOR	3883
<i>A. Aadhi ; S. Chaitanya Kumar ; G. K. Samanta ; M. Ebrahim-Zadeh</i>	
OCTAVE-SPANNING SUPERCONTINUUM GENERATION IN A SILICON-RICH NITRIDE WAVEGUIDE	3885
<i>Xing Liu ; Binbin Zhou ; Morten Bache ; Clemens J. Krücker ; Attila Fülöp ; Victor Torres-Company</i>	
AN ALL-FIBER SUPERCONTINUUM LASER SOURCE WITH HIGH POWER OF 30.4 W AND ULTRA-WIDE SPECTRUM OF 385–2400 NM	3887
<i>Xin Zou ; Jian Wu ; Xiaodong Wang ; Jifang Qiu ; Zi Ye ; Chang Sun ; Tingwu Ge</i>	
NEW DEVELOPMENTS IN THE PHYSICS OF ULTRASHORT LIGHT PROPAGATION IN NONLINEAR OPTICAL FIBERS	3889
<i>Fabio Biancalana</i>	
INFLUENCE OF INTRINSIC PHONON MODES IN NONLINEAR OPTICAL CRYSTALS ON THE PERFORMANCE OF ULTRAFAST FREQUENCY CONVERSION DEVICES	3891
<i>Oleksandr Isaienko ; István Robel</i>	
CONDUCTIVITY AND DISCHARGE GUIDING PROPERTIES OF MID-IR LASER FILAMENTS	3893
<i>D. Mongin ; V. Shumakova ; S. Alisauskas ; A. Pugžlys ; E. Schubert ; J. Kasparian ; J. P. Wolf ; A. Baltuska</i>	
BLACK PHOSPHORUS OPTOELECTRONICS	3895
<i>Xiaomu Wang ; Fengnian Xia</i>	
OPTICAL CHARACTERIZATION OF VAN DER WAALS MATERIALS VIA NEAR-FIELD MICROSCOPY	3897
<i>Daniel Wintz ; Alexander Y. Zhu ; Ke Wang ; Antonio Ambrosio ; Rob Devlin ; Jesse Crossno ; Philip Kim ; Federico Capasso</i>	
OPTICAL PHASE ANISOTROPY IN LAYERED BLACK PHOSPHORUS	3899
<i>Shoufeng Lan ; Xiaomu Wang ; Sean Rodrigues ; Luohao Wang ; Yonghao Cui ; Han Wang ; Fengnian Xia ; Wenshan Cai</i>	
LIGHT-ACTIVATED ARTIFICIAL SYNAPSES BASED ON GRAPHENE HYBRID PHOTOTRANSISTORS	3901
<i>Shuchao Qin ; Yujie Liu ; Xiaomu Wang ; Yongbing Xu ; Yi Shi ; Rong Zhang ; Fengqiu Wang</i>	
PHOTOLUMINESCENCE ENHANCEMENT IN DEFECT MONOLAYER MOSE₂ BY HYDROHALIC ACID TREATMENT	3903
<i>Tsung Sheng Kao ; Hau-Vei Han ; Ang-Yu Lu ; Li-Syuan Lu ; Jing-Kai Huang ; Hao-Chung Kuo ; Wen-Hao Chang ; Lain-Jong Li ; Yumeng Shi</i>	
ROOM-TEMPERATURE MID-INFRARED PHOTODETECTOR VIA HYBRID GRAPHENE NANORIBBON-C₆₀ PHOTOTRANSISTOR	3905
<i>Xuechao Yu ; Zhaogang Dong ; Joel K. W. Yang ; Qi Jie Wang</i>	
PHOTORESPONSE OF GRAPHENE-ON-SILICON NITRIDE MICRORING RESONATOR	3907
<i>Jiaqi Wang ; Zhenzhou Cheng ; Bingqing Zhu ; Chester Shu ; Hon Ki Tsang</i>	
A CHIP-SCALE KERR FREQUENCY COMB DRIVEN BY ULTRAHIGH-Q MICRORESONATOR STABILIZED LASER	3909
<i>Jinkang Lim ; Shu-Wei Huang ; Parastou Mortazavian ; Andrey B. Matsko ; Lute Maleki ; Chee Wei Wong</i>	
HIGHER ORDER MODE SUPPRESSION IN HIGH-Q ANOMALOUS DISPERSION SIN MICRORESONATORS FOR TEMPORAL DISSIPATIVE KERR SOLITON FORMATION	3911
<i>A. Kordts ; M. H. P. Pfeiffer ; H. Guo ; V. Brasch ; T. J. Kippenberg</i>	
INTRACAVITY CHARACTERIZATION OF MICRO-COMB GENERATION IN THE SINGLE SOLITON REGIME	3913
<i>Pei-Hsun Wang ; Jose A. Jaramillo-Villegas ; Yi Xuan ; Xiaoxiao Xue ; Yang Liu ; Daniel E. Leaird ; Minghao Qi ; Andrew M. Weiner</i>	
MEASURING THE DEGREE OF COHERENCE OF MICRORESONATOR FREQUENCY COMBS	3915
<i>Karen E. Webb ; Jae K. Jang ; Jessienta Anthony ; Stéphane Coen ; Miro Erkintalo ; Stuart G. Murdoch</i>	
COEXISTENCE OF TEMPORAL CAVITY SOLITONS AND MODULATION INSTABILITY IN A PASSIVE KERR CAVITY	3917
<i>Miles Anderson ; François Leo ; Miro Erkintalo ; Stéphane Coen ; Stuart G. Murdoch</i>	

DUAL-PUMPED DEGENERATE OPTICAL PARAMETRIC OSCILLATOR IN A SILICON NITRIDE MICRORESONATOR	3919
<i>Yoshitomo Okawachi ; Mengjie Yu ; Kevin Luke ; Daniel O. Carvalho ; Alessandro Farsi ; Sven Ramelow ; Michal Lipson ; Alexander L. Gaeta</i>	
FOUR-WAVE MIXING IN POROUS SILICON MICRORING RESONATORS	3921
<i>A. Simbula ; G. A. Rodriguez ; M. Menotti ; M. Galli ; D. Bajoni ; S. M. Weiss ; M. Liscidini</i>	
EXPERIMENTAL GENERATION OF HIGH-COHERENCE SUB-PRIME COMB LINES WITH MULTIPLE SUB-LINES IN A KERR FREQUENCY COMB USING DUAL PUMPS	3923
<i>Changjing Bao ; Peicheng Liao ; Martin Hubert Peter Pfeiffer ; Lin Zhang ; Maxim Karpov ; Arne Kordts ; Yinwen Cao ; Yan Yan ; Ahmed Almatman ; Guodong Xie ; Amirhossein Mohajerin-Ariaei ; Long Li ; Morteza Ziyadi ; Steven R. Wilkinson ; Moshe Tur ; Tobias J. Kippenberg ; Alan E. Willner</i>	
RECORD LENGTH (13.4KM) PULSE PROPAGATION IN OAM STATES	3925
<i>P. Gregg ; P. Kristensen ; S. Ramachandran</i>	
EXPERIMENTAL DEMONSTRATION OF ORBITAL ANGULAR MOMENTUM (OAM) MODES (DE)MULTIPLEXING AND TRANSMISSION IN 2-KM FIBER WITH NYQUIST 32-QAM COHERENT DETECTION SIGNALS	3927
<i>Jian Wang ; Long Zhu ; Kaiheng Zou ; Yixiao Zhu ; Jun Liu ; Fan Zhang ; Qi Mo ; Cheng Du</i>	
ORBITAL ANGULAR MOMENTUM MODE DIVISION MULTIPLEXING OVER 1.4 KM RCF FIBER	3929
<i>Reza Mirzaei Nejad ; Karen Allahverdyan ; Pravini Vaity ; Siamak Amirizadeh ; Charles Brunet ; Younès Messaddeq ; Sophie Larochelle ; Leslie A. Rusch</i>	
ORBITAL ANGULAR MOMENTUM (OAM) BASED OPTICAL ROUTING USING RECONFIGURABLE OPTICAL VORTEX GRATING	3931
<i>Ting Lei ; Xiaocong Yuan</i>	
DEMONSTRATION OF USING PASSIVE INTEGRATED PHASE MASKS TO GENERATE ORBITAL-ANGULAR-MOMENTUM BEAMS IN A COMMUNICATIONS LINK	3933
<i>Zhe Wang ; Yan Yan ; Amir Arbabi ; Cong Liu ; Guodong Xie ; Zhe Zhao ; Yongxiong Ren ; Long Li ; Nisar Ahmed ; Asher J. Willner ; Ehsan Arbabi ; Andrei Faraon ; Nima Ashrafi ; Solyman Ashrafi ; Moshe Tur ; Alan E. Willner</i>	
FAST-CONVERGENT ADAPTIVE FREQUENCY-DOMAIN RECURSIVE LEAST-SQUARES ALGORITHM WITH REDUCED COMPLEXITY FOR MDM TRANSMISSION SYSTEMS USING OPTICAL FEW-MODE FIBERS	3935
<i>Yi Wang ; Ting Wang ; Zhongqi Pan</i>	
EXPERIMENTAL DEMONSTRATION OF SYMMETRIC WDM-SDM OPTICAL ACCESS NETWORK OVER MULTICORE FIBER	3937
<i>Borui Li ; Lin Gan ; Zhenhua Feng ; Songnian Fu ; Perry Ping Shum ; Weijun Tong ; Ming Tang</i>	
104 GBPS PAM4 TRANSMISSION OVER OM3 AND OM4 FIBERS USING 850 AND 880 NM VCSELS	3939
<i>S. M. R. Motaghiannezam ; C. Kocot</i>	
DEVELOPING A TIME-RESOLVED FLOW CYTOMETER FOR FLUORESCENCE LIFETIME MEASUREMENTS OF NEAR-INFRARED FLUORESCENT PROTEINS	3941
<i>Zhihua Yang ; Daria M. Shcherbakova ; Vladislav V. Verkhusha ; Jessica P. Houston</i>	
INTEGRATED OPTOFLUIDIC CELL STRETCHERS USING OPTICAL LATTICES GENERATED FROM VERTICALLY EMBEDDED MULTIMODE-INTERFERENCE WAVEGUIDES	3944
<i>Zhanshi Yao ; Andrew W. Poon</i>	
IN VIVO QUANTITATION OF CIRCULATING TUMOR CELLS BY HIGH-SPEED INTRAVITAL LASER-SCANNING CONFOCAL MICROSCOPY	3946
<i>Howon Seo ; Yoonha Hwang ; Inwon Park ; Kibaek Choe ; Pilhan Kim</i>	
BIOLOGICALLY INSPIRED OPTOFLUIDIC LASERS VIA CHLOROPHYLLS	3948
<i>Yu-Cheng Chen ; Qiushu Chen ; Xudong Fan</i>	
ON-CHIP WAVELENGTH MULTIPLEXING DETECTION OF CANCER DNA BIOMARKERS IN BLOOD SERUM	3950
<i>H. Cai ; M. A. Stott ; D. Ozcelik ; A. R. Hawkins ; H. Schmidt</i>	
OPTOFLUIDICS IN MICROSTRUCTURED FIBERS COMBINING PARTICLE ELASTO-INERTIAL FOCUSING AND FLUORESCENCE	3952
<i>S. Etcheverry ; A. Faridi ; H. Ramachandraiah ; W. Margulis ; F. Laurell ; A. Russon</i>	
SINGLE NANOPARTICLE DETECTION USING A SILICON NITRIDE TWO-DIMENSIONAL COUPLED-RESONATOR OPTICAL-WAVEGUIDE	3954
<i>Jiawei Wang ; Andrew W. Poon</i>	
OPTICAL FREQUENCY COMB FOURIER TRANSFORM SPECTROSCOPY WITH RESOLUTION BEYOND THE PATH DIFFERENCE LIMIT	3956
<i>Lucile Rutkowski ; Alexandra C. Johansson ; Amir Khodabakhsh ; Piotr Maslowski ; Grzegorz Kowzan ; Kevin F. Lee ; Andrew A. Mills ; Christian Mohr ; Jie Jiang ; Martin E. Fermann ; Aleksandra Polynowicz</i>	
DUAL-COMB SPECTROSCOPY FOR CITY-SCALE OPEN PATH GREENHOUSE GAS MONITORING	3958
<i>G. -W. Truong ; E. M. Waxman ; K. C. Cossel ; F. R. Giorgetta ; W. C. Swann ; I. Coddington ; N. R. Newbury</i>	
COHERENT MULTIHETERODYNE SPECTROSCOPY USING OPTICAL FREQUENCY COMB GENERATORS	3960
<i>Adam J. Fleisher ; David A. Long ; Joseph T. Hodges ; David F. Plusquellic</i>	
MID-INFRARED FREQUENCY-AGILE DUAL-COMB SPECTROSCOPY WITH DOPPLER-LIMITED RESOLUTION	3962
<i>Ming Yan ; Pei-Ling Luo ; Kana Iwakuni ; Guy Millot ; Theodor W. Hänsch ; Nathalie Picqué</i>	
MASSIVELY PARALLEL DUAL-COMB MOLECULAR SPECTROSCOPY WITH TWO PHASE-LOCKED SUBHARMONIC OPOS	3964
<i>V. O. Smolski ; H. Yang ; J. Xu ; K. L. Vodopyanov</i>	

BROADBAND MID-INFRARED DUAL COMB SPECTROSCOPY WITH INDEPENDENT ASYNCHRONOUS OPTICAL PARAMETRIC OSCILLATORS	3966
<i>O. Kara ; Z. Zhang ; T. Gardiner ; D. T. Reid</i>	
VIPA SPECTROMETER FOR ACCURATE AND SENSITIVE SELF-REFERENCED FREQUENCY COMB SPECTROSCOPY	3968
<i>Grzegorz Kowzan ; Kevin F. Lee ; Magdalena Paradowska ; Mateusz Borkowski ; Piotr Ablewski ; Szymon Wójtewicz ; Kamila Stec ; Daniel Lisak ; M. E. Fermann ; Ryszard S. Trawinski ; Piotr Maslowski</i>	
MEASUREMENT OF H₂O AND OH IN A FLAME BY OPTICAL FREQUENCY COMB SPECTROSCOPY	3970
<i>Lucile Rutkowski ; Amir Khodabakhsh ; Alexandra C. Johansson ; Damir M. Valiev ; Lorenzo Lodi ; Zhechao Qu ; Ramin Ghorbani ; Oleg L. Polyansky ; Yuwei Jin ; Jonathan Tennyson ; Florian M. Schmidt ; Aleksandra Foltynowicz</i>	
OPTICAL COMMUNICATIONS USING MICROSTRUCTURED OPTICAL FIBERS	3972
<i>David J. Richardson</i>	
ADVANCES IN POLARIZATION-MAINTAINING, SINGLE-MODE, HOLLOW-CORE FIBERS	3973
<i>J. W. Nicholson ; B. J. Mangan ; R. S. Windeler ; T. Kremp ; G. Puc ; M. Corrado ; Y. Dulashko ; D. J. Digiovanni</i>	
HIGH POWER PULSE GENERATION AND COMPRESSION WITH PHOTONIC CRYSTAL FIBERS	3975
<i>Jens Limpert</i>	
MULTIPHOTON LITHOGRAPHY: PRINCIPLES, MATERIALS AND APPLICATIONS	3977
<i>Maria Farsari</i>	
GEOMETRIC PHASE HOLOGRAMS IMPRINTED BY FEMTOSECOND LASER NANOSTRUCTURING	3978
<i>Rokas Drevinskas ; Martynas Beresna ; Jingyu Zhang ; Aabid Patel ; Aušra Cerkauskaitė ; Andrey G. Kazanskii ; Peter G. Kazansky</i>	
PHOTOENOL LASER LITHOGRAPHY USING INTERMEDIATE-STATE CIS-TRANS ISOMERIZATION FOR WRITING INHIBITION	3980
<i>Patrick Mueller ; Benjamin Richter ; Alexander S. Quick ; Joachim Fischer ; Jonathan B. Mueller ; Lu Zhou ; G. Ulrich Nienhaus ; Martin Bastmeyer ; Christopher Barner-Kowollik ; Martin Wegener</i>	
SECOND HARMONIC GENERATION IN POLED LASER-WRITTEN FUSED SILICA WAVEGUIDES WITH PERIODIC LASER ERASURE	3982
<i>Jason C. Ng ; Li Qian ; Peter R. Herman</i>	
MONOCRYSTALLINE SILICON NEEDLE FORMATION BY OPTICAL VORTEX ILLUMINATION	3984
<i>Fuyuto Takahashi ; Honami Fujiwara ; Kai Izumisawa ; Katsuhiko Miyamoto ; Hirofumi Hidai ; Ryuji Morita ; Takashige Omatsu</i>	
DWDM SOURCE BASED ON MONOLITHIC SIDE-WALL SAMPLE GRATING DFB LASER ARRAY	3986
<i>Lianping Hou ; Junjie Xu ; Iain Eddie ; Liangshun Han ; Hongliang Zhu ; John H. Marsh</i>	
AN 8 KHZ LINEWIDTH, 50 MW OUTPUT WAVELENGTH TUNABLE DFB LD ARRAY OVER THE C-BAND WITH SELF OPTICAL FEEDBACK	3988
<i>Keisuke Kasai ; Masataka Nakazawa ; Mitsuteru Ishikawa ; Hiroyuki Ishii</i>	
ROOM TEMPERATURE INGAAS/INP DISTRIBUTED FEEDBACK LASER DIRECTLY GROWN ON SILICON	3990
<i>Zhechao Wang ; Bin Tian ; Marianna Pantouvaki ; Joris Van Campenhout ; Clement Merckling ; Dries Van Thourhout</i>	
GAIN CONTROL USING GRAPHENE PLASMONS IN APERIODIC DFB LASERS	3992
<i>T. G. Folland ; O. P. Marshall ; Y. -J. Kim ; K. S. Novoselov ; S. Chakraborty</i>	
80 NM TUNABLE SEMICONDUCTOR DISK LASERS IN DBR-FREE GEOMETRY	3994
<i>Zhou Yang ; Alexander R. Albrecht ; Jeffrey G. Cederberg ; Mansoor Sheik-Bahae</i>	
HIGH POWER SURFACE-GRATING STABILIZED NARROW-STRIPE BROAD AREA LASERS WITH BEAM PARAMETER PRODUCT < 2 MM×MRAD	3996
<i>J. Decker ; J. Fricke ; A. Maaßdorf ; G. Erbert ; P. Crump</i>	
NARROW LINEWIDTH EXTERNAL CAVITY DIODE LASER USING UV-WRITTEN GRATINGS IN AN INTEGRATED OPTICAL FIBER PLATFORM	3998
<i>Stephen G. Lynch ; Christopher Holmes ; Sam A. Berry ; James C. Gates ; Alexander Jantzen ; Teresa I. Ferreira ; Peter G. R. Smith</i>	
10-TIMES FREQUENCY NOISE REDUCTION OF A TUNEABLE SEMICONDUCTOR LASER VIA AN INCOHERENT OPTICAL-FEEDBACK	4000
<i>Aaron Albores-Mejia ; Toshimitsu Kaneko ; Katsumi Uesaka ; Hajime Shoji ; Haruhiko Kuwatsuka</i>	
FIBRE-INTEGRATED, NON-LINEAR MANIPULATION OF PULSED FIBRE LASERS	4002
<i>J. R. Taylor</i>	
HIGH POWER, WIDELY TUNABLE SYNCHRONOUSLY PUMPED FIBER-BASED OPTICAL PARAMETRIC OSCILLATOR	4003
<i>D. Churin ; R. J. Olson ; N. Peyghambarian ; K. Kieu</i>	
DETAILED CHARACTERIZATION OF CONTINUOUS-WAVE AND PULSED-PUMP FOUR-WAVE MIXING IN NONLINEAR FIBERS	4005
<i>Mads Lillieholm ; Michael Galili ; Lars Grüner-Nielsen ; Leif K. Oxenlowe</i>	
NONLINEAR PHASE ADDED BY A RAMAN FIBER AMPLIFIER TO A SINGLE-FREQUENCY SEED LASER	4007
<i>Philippe Benoit ; Nicolas Cézard ; Arnaud Mussot ; Alexandre Kudlinski ; Guillaume Canat</i>	
OPEN-CAVITY SPUN FIBER RAMAN LASERS WITH A POLARIZED OUTPUT	4009
<i>J. Nuño ; G. Rizzelli ; F. Galazzi ; F. Prieto ; C. Pulido-De-Torres ; P. Corredera ; S. Wabnitz ; J. D. Ania-Castañón</i>	
HIGH-POWER 355-NM UV GENERATION IN CSLIB₆O₁₀ CRYSTAL	4011
<i>M. Yoshimura ; K. Ueda ; Y. Orii ; Y. Takahashi ; G. Okada ; Y. Mori</i>	
2.9 W PICOSECOND ULTRAVIOLET SOURCE AT 266 NM BASED ON WALK-OFF COMPENSATED SINGLE-PASS FOURTH HARMONIC GENERATION IN β-BAB₂O₄	4013
<i>S. Chaitanya Kumar ; J. Canals Casals ; J. Wei ; K. Devi ; M. Ebrahim-Zadeh</i>	

FIBER-LASER-BASED, 80-MHZ PICOSECOND UV SOURCE GENERATING MULTI-TENS OF MILLIWATT OUTPUT POWER ACROSS 329–348 NM	4015
<i>Kavita Devi ; S. Chaitanya Kumar ; M. Ebrahim-Zadeh</i>	
AUTORESONANT THREE-WAVE-MIXING IN NON-UNIFORM SECOND-ORDER NONLINEAR BULK CRYSTALS	4017
<i>Andrey Markov ; Anna Mazhorova ; Oded Yaakobi ; Matteo Clerici ; Daniele Modotto ; Ottavia Jedrkiewicz ; Paolo Di Trapani ; Arkady Major ; François Vidal ; Roberto Morandotti</i>	
PHOTON EFFICIENT ELECTRO-OPTIC CONVERSION VIA A MICROMECHANICAL OSCILLATOR	4019
<i>K. W. Lehnert ; C. A. Regal ; R. W. Peterson ; N. S. Kampel ; P. Burns ; A. P. Higginbotham</i>	
ULTRANARROWBAND CW INJECTION-SEEDED FEMTOSECOND OPG FOR SUPERIOR PULSE-TO-PULSE STABILITY AND OUTPUT POWER	4020
<i>Heiko Linnenbank ; Tobias Steinle ; Harald Giessen</i>	
NONLINEAR OPTICS BASED ON DIELECTRIC MULTILAYER MIRRORS	4022
<i>Luke A. Emmert ; Cristina Rodriguez ; Farzin Beygi Azar Aghbolagh ; Amir Khabbazi Oskoueï ; Stefan Günster ; Detlev Ristau ; Wolfgang Rudolph</i>	
RECONFIGURABLE HYPERBOLIC METAMATERIAL WITH NEGATIVE REFRACTION	4024
<i>Harish N. S. Krishnamoorthy ; Behrad Gholipour ; Nikolay I. Zheludev ; Cesare Soci</i>	
FABRICATION AND CHARACTERIZATION OF AN AS₂SE₃ OPTICAL MICROWIRE CLADDED WITH PERFLUORINATED CYTOP	4026
<i>Lizhu Li ; Nurmamet Abdukerim ; Martin Rochette</i>	
NOVEL CHALCOGENIDE OPTICAL MATERIALS: LINKING OPTICAL PERFORMANCE-TAILORING WITH MANUFACTURABILITY — A TUTORIAL	4028
<i>Kathleen A. Richardson</i>	
Author Index	