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Routing and Flow Optimization

<i>A novel protocol for adaptive broadcasting of sensor data in urban scenarios</i> Jinseok Yang (University of California, San Diego, USA), Sameer S. Tilak (University of California at San Diego, USA), Tajana Simunic Rosing (UCSD, USA)	1
<i>LBcast: Load-Balanced Broadcast Scheduling for Low-Duty-Cycle Wireless Sensor Networks</i> Lijie Xu (Nanjing University, P.R. China), Guihai Chen (Shanghai Jiao Tong University, P.R. China)	7
<i>Non-Asymptotic Multicast Throughput Capacity in Multi-Hop Wireless Networks</i> Jingjing Luo (Huazhong University of Science and Technology, P.R. China), Jinbei Zhang (Shanghai Jiaotong University, P.R. China), Li Yu (Huazhong University of Science & Technology, P.R. China), Xinbing Wang (Shanghai Jiaotong University, P.R. China)	13
<i>Maximizing Number of Satisfiable Routing Requests in Static Ad Hoc Networks</i> Zane Sumpter (Wichita State University, USA), Lucas Burson (Wichita State University, USA), Bin Tang (California State University Dominguez Hills, USA), Xiao Chen (Texas State University, USA)	19
<i>Modeling Ad Hoc Mobile Networks: the General k-Hop Relay Routing</i> Jiajia Liu (Xidian University, P.R. China), Hiroki Nishiyama (Tohoku University, Japan), Nei Kato (Tohoku University, Japan), Tomoaki Kumagai (NTT Corporation, Japan), Atsushi Takahara (NTT, Japan)	25

VANET Management and Applications

<i>VANET Based Traffic Estimation: A Matrix Completion Approach</i> Rong Du (Shanghai Jiao Tong University, P.R. China), Cailian Chen (Shanghai Jiao Tong University, P.R. China), Bo Yang (Shanghai Jiao Tong University, P.R. China), Xinping Guan (Shanghai Jiao Tong University, P.R. China)	30
<i>On the Recruitment of Smart Vehicles for Urban Sensing</i> Sherin Abdel Hamid (Queen's University, Canada), Glen Takahara (Queen's University, Canada), Hossam S. Hassanein (Queen's University, Canada)	36
<i>Interaction between EDCA and HCCA: Simulation Study of DSRC for Work Zone Safety</i> Jae-Han Lim (University of California, Los Angeles, USA), Mario Gerla (University of California at Los Angeles, USA), Danijela Cabric (University of California Los Angeles, USA)	42
<i>Join Driving: A Smart Phone-based Driving Behavior Evaluation System</i> Hongyang Zhao (Zhejiang University, P.R. China), Huan Zhou (Zhejiang University, P.R. China), Canfeng Chen (Nokia Research Center, P.R. China), Jiming Chen (Zhejiang University, P.R. China)	48
<i>Towards Efficient Vacant Taxis Cruising Guidance</i> Yunfei Hou (State University of New York at Buffalo, USA), Xu Li (InterDigital Communications, USA), Yunjie Zhao (State University of New York at Buffalo, USA), Xiaowei Jia (State University of New York at Buffalo, USA), Adel Sadek (State University of New York at Buffalo, USA), Kevin Hulme (SUNY Buffalo, P.R. China), Chunming Qiao (State University of New York at Buffalo, USA)	54

Delay Tolerant Networks

<i>CCS-DTN: Efficient Routing in Social DTNs Based on Clustering and Network Coding</i> ZhenJing Zhang (Nanyang Technological University, Singapore), Maode Ma (Nanyang Technological University, Singapore), Zhigang Jin (Tianjin University, P.R. China)	60
<i>An Adaptive Routing Protocol based on Connectivity Prediction for Underwater Disruption Tolerant Networks</i> Tiansi Hu (Northeastern University, USA), Yunsi Fei (Northeastern University, USA)	65
<i>A Novel Routing Method for Improving Message Delivery Delay in Hybrid DTN-MANET Networks</i> Masaya Ito (Tohoku University, Japan), Hiroki Nishiyama (Tohoku University, Japan), Nei Kato (Tohoku University, Japan)	72
<i>Delay Analysis of Disruption Tolerant Networks with Two-Hop Routing in a Finite-Buffer Regime</i> Nima Torabkhani (Georgia Institute of Technology, USA), Faramarz Fekri (Georgia Institute of Technology, USA)	78
<i>Primal Decomposition and Online Algorithms for Flow Optimization in Wireless DTNs</i> George Konidaris (Athens University of Economics and Business, Greece), Stavros Toumpis (Athens University of Economics and Business, Greece), Savvas Gitzenis (Certh, Greece)	84

Fault Tolerance

<i>ALLONE: A New Adaptive Failure Detector Model for Low-power Lossy Networks</i> Fatima Zohra Benhamida (Ecole Nationale Supérieure d'Informatique, Algeria), Yacine Challal (University of Technology of Compiègne, France), Mouloud Koudil (Ecole Nationale Supérieure d'Informatique, Algeria)	91
<i>Exploiting Soil Moisture Information for Adaptive Error Control in Wireless Underground Sensor Networks</i> Xin Dong (Wildsense, LLC, USA), Mehmet Can Vuran (University of Nebraska-Lincoln, USA)	97
<i>Multiple Attributes-based Data Recovery in Wireless Sensor Networks</i> Guangshuo Chen (Shanghai Jiao Tong University, P.R. China), Xiao-Yang Liu (Columbia University, P.R. China), Linghe Kong (Shanghai Jiao Tong University, P.R. China), Jia-Liang Lu (Shanghai Jiao Tong University, P.R. China), Yu Gu (Singapore University of Technology and Design, Singapore), Wei Shu (The University of New Mexico, USA), Min-You Wu (Shanghai JiaoTong University, P.R. China)	103
<i>TAMR: Traffic-Aware Multipath Routing for Fault Tolerance in 6LoWPAN</i> Kiwoong Kwon (Korea Advanced Institute of Science and Technology, Korea), Minkeun Ha (Korea Advanced Institute of Science and Technology, Korea), Seong Hoon Kim (Korea Advanced Institute of Science and Technology, Korea), Daeyoung Kim (KAIST, Korea)	109
<i>Multi-hop Networks with Cooperative Relaying Assisted Links</i> Torsten Andre (University of Klagenfurt, Austria)	115

Localization Schemes

<i>Does Multi-hop Communication Enhance Localization Accuracy?</i> Walid M. Ibrahim (Queen's University, Canada), Hossam S. Hassanein (Queen's University, Canada), Abd-Elhamid M. Taha (Alfaisal University, Saudi Arabia)	121
<i>LALS: A Low Power Accelerometer Assisted Location Sensing Technique for Smartphones</i> Thomas O. Oshin (Queen Mary University of London, United Kingdom), Stefan Poslad (Queen Mary University of London, United Kingdom)	127
<i>A Two-tier Positioning Algorithm for Wireless Networks with Diverse Measurement Types</i> Zimu Yuan (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Shuhui Yang (Purdue University Calumet, USA), Wei Li (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)	134

<i>GOSSIPY: A Distributed Localization System for Internet of Things using RFID Technology</i> Lobna Eslim (Queen's University, Canada), Walid M. Ibrahim (Queen's University, Canada), Hossam S. Hassanein (Queen's University, Canada)	140
<i>Adaptive Collaboration for Heterogeneous Sensor Networks in Dynamic Environments</i> Kejiang Xiao (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Rui Wang (Institute of Computing Technology of the Chinese Academy of Sciences, P.R. China), Li Cui (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)	146

Medium Access Control I

<i>Automated MAC Protocol Generation under Dynamic Traffic Conditions</i> Jian Zhen (University of California, Santa Barbara, USA), Volkan Rodoplu (University of California, Santa Barbara, USA)	152
<i>Stochastic Analysis of Handshake-type Mechanisms in Uniformly Random Wireless Ad Hoc Networks</i> Thomas Bourgeois (Waseda University, Japan), Shigeru Shimamoto (Waseda University, Japan)	158
<i>Joint Optimization of Spectrum Sensing and Dynamic Spectrum Access System</i> Ye Wang (University of Ontario Institute of Technology, Canada), Bin Cao (Harbin Institute of Technology, P.R. China), Xiaodong Lin (University of Ontario Institute of Technology, Canada), Qinyu Zhang (Shenzhen Graduate School, Harbin Institute of Technology, P.R. China)	164
<i>A Distributed CSMA Algorithm for Wireless Networks based on Ising Model</i> Yi Wang (University of Florida, USA), Ye Xia (University of Florida, USA)	170
<i>Distributed Dynamic Scheduling in Wireless Ad Hoc Networks with Spatial Randomness</i> Chun-Hung Liu (National Chiao Tung University, Taiwan), Yi-Chen Tsai (National Cheng Kung University, Taiwan)	177

Localization and Link Layer Issues

<i>An Efficient Indoor Navigation Scheme Using RFID-based Delay Tolerant Network</i> Hao Ji (Nanjing University, P.R. China), Lei Xie (Nanjing University, P.R. China), Yafeng Yin (Nanjing University, P.R. China), Sanglu Lu (Nanjing University, P.R. China)	183
<i>A Non-parametric Modeling of Time-of-flight Ranging Error for Indoor Network Localization</i> Yuan Yang (Freie Universität Berlin, Germany), Yubin Zhao (Freie Universität Berlin, Germany), Marcel Kyas (Freie University Berlin, Germany)	189
<i>Localization Accuracy of Range-only Sensors with Additive and Multiplicative Noise</i> Xiufang Shi (Zhejiang University, P.R. China), Zaiyue Yang (Zhejiang University, P.R. China), Jiming Chen (Zhejiang University, P.R. China)	195
<i>Efficient Range-Free Localization Algorithm for Randomly Distributed Wireless Sensor Networks</i> Ahmad El Assaf (INRS, Canada), Slim Zaidi (University of Quebec, INRS-EMT, Canada), Sofiene Affes (INRS-EMT, Canada), Nahi Kandil (Université du Québec en Abitibi- Temiscamingue, Canada)	201
<i>Consensus-based Time Synchronization in Sensor Networks: an Experimental Study</i> Hao Li (Zhejiang University, P.R. China), Jianping He (Zhejiang University, P.R. China), Peng Cheng (Zhejiang University, P.R. China), Jiming Chen (Zhejiang University, P.R. China)	207

Medium Access Control II

<i>Distributed Interferer-Channel Aware Scheduling in Large-Scale Wireless Ad Hoc Networks</i> Chun-Hung Liu (National Chiao Tung University, Taiwan)	213
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<i>Performance Analysis of Grouping Strategy for Dense IEEE 802.11 Networks</i>	
Lei Zheng (UVic, Canada), Lin Cai (University of Victoria, Canada), Jianping Pan (University of Victoria, Canada), Minming Ni (University of Victoria, Canada)	219
<i>A Pipelined-Forwarding, Routing-Integrated and Effectively-Identifying MAC for Large-Scale WSN</i>	
Fei Tong (University of Victoria, Canada), Minming Ni (University of Victoria, Canada), Lei Shu (Guangdong University of Petrochemical Technology, P.R. China), Jianping Pan (University of Victoria, Canada)	225
<i>Harmonizing MAC and Routing in Low Power and Lossy Networks</i>	
Piergiuseppe Di Marco (Royal Institute of Technology, Sweden), Carlo Fischione (KTH, Sweden), George Athanasiou (KTH Royal Institute of Technology, Sweden), Prodromos-Vasileios Mekikis (Universitat Politècnica de Catalunya (UPC), Spain)	231
<i>AFR: Accurate and Fast RFID Estimation</i>	
Wenchao Jiang (Shanghai Jiao Tong University, P.R. China), Yanmin Zhu (Shanghai Jiao Tong University, P.R. China), Bo Li (Hong Kong University of Science and Technology, Hong Kong)	237

Node Placement and Topology Control

<i>Relay Node Placement in Partitioned Wireless Sensor Networks with Guaranteed Lifetime</i>	
Shilin Xu (Shanghai Jiaotong University, P.R. China), Lingge Jiang (Shanghai Jiao Tong University, P.R. China), Chen He (Shanghai Jiaotong University, P.R. China), Qi Xi (Shanghai Jiaotong University, P.R. China)	243
<i>Energy and Coverage Trade-offs in Deploying a Mix of Mobile and Stationary Relays for Disjoint Wireless Sensor Networks</i>	
Izzet F Senturk (The Ohio State University, USA), Kemal Akkaya (Southern Illinois University Carbondale, USA)	249
<i>Distributed Approach for Reconnecting Disjoint Segments</i>	
Yatish K Joshi (University of Maryland Baltimore County, USA), Mohamed Younis (University of Maryland Baltimore County, USA)	255
<i>A Multi-Objective Genetic Algorithm for Constructing Load-Balanced Virtual Backbones in Probabilistic Wireless Sensor Networks</i>	
Jing (Selena) He (Kennesaw State University, USA), Shouling Ji (Georgia Institute of Technology, USA), Raheem Beyah (Georgia Institute of Technology, USA), Yingshu Li (Georgia State University, USA)	261
<i>A New WSN Deployment Algorithm for Water Pollution Monitoring in Amazon Rainforest Rivers</i>	
Zakia Khalfallah (UPMC, France), Ilhem Fajjari (Virtuor, France), Nadjib Aitsaadi (LISSi - University of Paris-Est Creteil (UPEC), France), Rami Langar (UPMC - University of Paris 6, France), Guy Pujolle (University Pierre et Marie Curie - Paris 6, France)	267

Coverage and Topology Control

<i>On the Maximum Coverage Area of Wireless Networked Control Systems under Stability and Cost-Efficiency Constraints</i>	
Deniz Kilinc (Koç University, Turkey), Mustafa Ozger (Koc University, Turkey), Ozgur B. Akan (Koc University, Turkey)	274
<i>Energy-Efficient Area Coverage in Bistatic Radar Sensor Networks</i>	
Qianqian Yang (Zhejiang University, P.R. China), Shibo He (Arizona State University, USA), Jiming Chen (Zhejiang University, P.R. China)	280
<i>A Distributed Area Coverage Algorithm For Maintenance Of Randomly Distributed Sensors With Adjustable Sensing Range</i>	
Yipeng Qu (Florida International University, USA), Stavros Georgakopoulos (Florida International University, USA)	286

<i>Distributed Online Visual Sensor Network Reconfiguration for Resource-aware Coverage and Task Assignment</i>	
Bernhard Dieber (Alpen-Adria Universität Klagenfurt, Austria), Bernhard Rinner (Klagenfurt University, Austria)	292
<i>3D Clustering-Based Camera Wireless Sensor Networks for Maximizing Lifespan With Minimum Coverage Rate Constraint</i>	
Lijun Xie (Texas A&M University, USA), Xi Zhang (Texas A&M University, ECE Department, USA)	298

Topology Management

<i>Ferry-Based Linear Wireless Sensor Networks</i>	
Imad Jawhar (UAE University, UAE), Mostafa Ammar (Georgia Institute of Technology, USA), Sheng Zhang (Nanjing University, P.R. China), Jie Wu (Temple University, USA), Nader Mohamed (UAEU, UAE)	304
<i>New SAPFR Protocol for WSNs with Sensitive Clusters</i>	
Shichao Wang (Northwestern Polytechnical University, P.R. China), Ruonan Zhang (Northwestern Polytechnical University, P.R. China), Lin Cai (University of Victoria, Canada), Yi Jiang (Northwestern Polytechnical University, P.R. China)	310
<i>Mobility-assisted Distributed Sensor Clustering for Energy-efficient Wireless Sensor Networks</i>	
Kai Li (University of Central Florida, USA), Kien Hua (University of Central Florida, USA)	316
<i>On the Throughput of Wireless Underground Sensor Networks using Magneto-Inductive Waveguides</i>	
Steven Kisseleff (Friedrich-Alexander-University Erlangen-Nürnberg (FAU), Germany), Wolfgang Gerstacker (University of Erlangen-Nuernberg, Germany), Zhi Sun (State University of New York at Buffalo, USA), Ian F. Akyildiz (Georgia Institute of Technology, USA)	322
<i>Online Flow-based Energy Efficient Management in Wireless Mesh Networks</i>	
Ahmed Amokrane (Université Pierre et Marie Curie, France), Rami Langar (UPMC - University of Paris 6, France), Raouf Boutaba (University of Waterloo, Canada), Guy Pujolle (University Pierre et Marie Curie - Paris 6, France)	329

Link Layer Protocols

<i>A Stochastic Geometry Approach for Outage Analysis of Ad Hoc SISO Networks in Rayleigh Fading</i>	
Asma Afzal (National University of Sciences and Technology, Pakistan), Syed Ali Hassan (National University of Sciences and Technology, Pakistan)	336
<i>An Efficient Scheme for MTC Overload Control based on Signaling Message Compression</i>	
Tarik Taleb (NEC Europe Ltd., Germany), Adlen Ksentini (University of Rennes 1 / IRISA Lab, France)	342
<i>A Capacity Upper Bound for Large Wireless Networks with Generally Distributed Nodes</i>	
Guoqiang Mao (The University of Technology, Sydney, Australia), Zihuai Lin (University of Sydney, Australia), Wei Zhang (The University of New South Wales, Australia)	347
<i>Bistatic Backscatter Radio for Power-limited Sensor Networks</i>	
John Kimionis (Georgia Institute of Technology, USA), Aggelos Bletsas (Technical University of Crete, Greece), John Sahalos (University of Nicosia, Cyprus)	353
<i>Utilization of Channel Properties for Channel Access in Ad Hoc Networks with Heterogeneous Channels</i>	
Crystal A. Jackson (Clemson University, USA), Harlan B. Russell (Clemson University, USA)	359

Mobility Models and Handling

<i>Impact of Location Heterogeneity on Random Walk Mobility Models</i> Jinbei Zhang (Shanghai Jiaotong University, P.R. China), Luoyi Fu (Shanghai Jiao Tong University, P.R. China), Xinbing Wang (Shanghai Jiaotong University, P.R. China), Mohsen Guizani (QU, USA)	365
<i>Throughput Evaluation for Cooperative Drive-Thru Internet using Microscopic Mobility Model</i> Haibo Zhou (Shanghai Jiao Tong University, P.R. China), Bo Liu (Shanghai Jiao Tong University, P.R. China), Tom H. Luan (School of Information Technology, Australia), Fen Hou (University of Macau, Macao), Gui Lin (Shanghai Jiao Tong University, P.R. China), Ying Li (China Electronic System Engineering Company, P.R. China), Sherman Shen (University of Waterloo, Canada)	371
<i>Theme Park Mobility in Disaster Scenarios</i> Gürkan Solmaz (University of Central Florida, USA), Damla Turgut (University of Central Florida, USA)	377
<i>Analysis of Communication Link Lifetime Using Stochastic Microscopic Vehicular Mobility Model</i> Khadige Abboud (University of Waterloo, Canada), Weihua Zhuang (University of Waterloo, Canada)	383
<i>A Sociality-aware Approach to Computing Backbone in Mobile Opportunistic Networks</i> Tong Liu (Shanghai Jiao Tong University, P.R. China), Yanmin Zhu (Shanghai Jiao Tong University, P.R. China), Ruobing Jiang (Shanghai Jiao Tong University, P.R. China), Bo Li (Hong Kong University of Science and Technology, Hong Kong)	389

Security and QoS

<i>Adaptive Key Management for Wireless Sensor Networks</i> Tony Vincent Cheneau (NIST, USA), Mudumbai Ranganathan (National Institute of Standards and Technology, USA)	395
<i>Secure and Privacy Preserving Hierarchical Wireless Sensor Networks using Hybrid Key Management Technique</i> Sushmita Ruj (Indian Statistical Institute, Kolkata, India), Kouichi Sakurai (Kyushu University, Japan)	402
<i>End-to-End Delay Reduction via In-Network Computation in Cognitive Radio Sensor Networks</i> Shih Chun Lin (Georgia Institute of Technology, USA)	408
<i>Providing End-to-End Delay Guarantees for Multi-hop Wireless Sensor Networks</i> I-Hong Hou (Texas A&M University, USA)	414
<i>Progressive compression and transmission of images Experimental evaluation over Visual Sensor Networks</i> Abdelhamid Mammeri (University of Ottawa, Canada), Azzedine Boukerche (University of Ottawa, Canada), Renfei Wang (University of Ottawa, Canada), Depu Zhou (University of Ottawa, Canada)	420

Data Centric Protocols

<i>Distributed Scheduling for Real-Time Data Collection in Wireless Sensor Networks</i> Xiaohua Xu (University of Toledo, USA), Xiang-Yang Li (Illinois Institute of Technology, USA), Min Song (The University of Toledo, USA)	426
<i>APED: An Efficient Aggregation Protocol with Error Detection for Smart Grid Communications</i> Ruixue Sun (Zhejiang University, P.R. China), Zhiguo Shi (Zhejiang University, P.R. China), Rongxing Lu (Nanyang Technological University, Singapore), Min Lu (Zhejiang University, P.R. China), Sherman Shen (University of Waterloo, Canada)	432

<i>Scheduling Data Transmissions of Underwater Sensor Nodes for Maximizing Value of Information</i>	
Ladislau Bölöni (University of Central Florida, USA), Damla Turgut (University of Central Florida, USA), Stefano Basagni (Northeastern University, USA), Chiara Petrioli (University of Rome "La Sapienza", Italy)	438
<i>Behavior-Aware Probabilistic Routing For Wireless Body Area Sensor Networks</i>	
Song Yang (Shanghai JiaoTong University, P.R. China), Jia-Liang Lu (Shanghai Jiao Tong University, P.R. China), Fan Yang (Shanghai Jiao Tong University, P.R. China), Linghe Kong (Shanghai Jiao Tong University, P.R. China), Wei Shu (The University of New Mexico, USA), Min-You Wu (Shanghai JiaoTong University, P.R. China)	444
<i>PackTrix: From Data Packing to Reconstruction for A Sensor Network Based Structural Health Monitoring System</i>	
Zhiyi Zhou (Shanghai Jiao Tong University, P.R. China), Rong Du (Shanghai Jiao Tong University, P.R. China), Cailian Chen (Shanghai Jiao Tong University, P.R. China), Bo Yang (Shanghai Jiao Tong University, P.R. China), Xiping Guan (Shanghai Jiao Tong University, P.R. China)	450

Energy Harvesting and Optimization

<i>Hexagonal Clustering with Mobile Energy Replenishment in Wireless Sensor Networks</i>	
Jun Tao (Southeast University, P.R. China), Lei Zhang (University of Victoria, Canada), Maryam Ahmadi (University of Victoria, Canada), Le Chang (University of Victoria, Canada), Jianping Pan (University of Victoria, Canada), Wenqiang Chen (Southeast University, Nanjing, Jiangsu, P.R. China)	456
<i>Multi-hop wireless charging optimization in Low-Power Networks</i>	
Tifenn Rault (University of Technology of Compiègne, France), Abdelmadjid Bouabdallah (Universite de Technologie - Compiègne, France), Yacine Challal (University of Technology of Compiègne, France)	462
<i>Heuristic Relay Assignments for Green Relay Assisted Device to Device Communications</i>	
Tao Han (New Jersey Institute of Tech, USA), Nirwan Ansari (NJIT, USA)	468
<i>Towards Energy Neutrality in Energy Harvesting Wireless Sensor Networks: A Case for Distributed Compressive Sensing?</i>	
Wei Chen (Beijing Jiaotong University, P.R. China), Yiannis Andreopoulos (University College London, United Kingdom), Ian James Wassell (University of Cambridge, United Kingdom), Miguel Rodrigues (University College London, United Kingdom)	474
<i>Optimum Power and Rate Allocation in Video Sensor Networks</i>	
Amr El-Sherif (Alexandria University, Egypt), Amr Mohamed (Qatar University, Qatar), Victor CM Leung (The University of British Columbia, Canada)	480

Topics in Ad Hoc and Sensor Networks (Interactive Session)

<i>Energy Efficient Optimal Node-Source Localization using Mobile Beacon in Ad-Hoc Sensor Networks</i>	
Sudhir Kumar (Indian Institute of Technology Kanpur, India), Vatsal Sharan (Indian Institute of Technology Kanpur, India), Rajesh M Hegde (Indian Institute of Technology Kanpur, India)	487
<i>WLAN Scanning Strategies for RSSI-based Positioning</i>	
Deric Waters (Texas Instruments, USA), Mohamed Mansour (TI, USA), Ariton Xhafa (Texas Instruments Inc., USA)	493
<i>Pure Asynchronous Neighbor Discovery Algorithms in Ad Hoc Networks Using Directional Antennas</i>	
Feng Tian (Shanghai Jiao Tong University, P.R. China), Rose Qingyang Hu (Utah State University, USA), Yi Qian (University of Nebraska-Lincoln, USA), Bo Rong (Communications Research Center Canada, Canada), Bo Liu (Shanghai Jiao Tong University, P.R. China), Gui Lin (Shanghai JiaoTong University, P.R. China)	498

<i>Selectively Iterative Particle Filtering and Its Applications for Target Tracking in WSN</i> Wei Jing (University of Waterloo, Canada), Hai Zhao (Northeastern University, P.R. China), Xiaodong Lin (University of Ontario Institute of Technology, Canada), Sherman Shen (University of Waterloo, Canada)	504
<i>Fingerprinting-based localization using accelerometer information in wireless sensor networks</i> Xiaowei Lv (Université de Technologie de Troyes, France), Farah Mourad-Chehade (Université de Technologie de Troyes, France), Hichem Snoussi (University of Technology of Troyes, France)	510
<i>A Performance Evaluation of a Context-Aware Path Recommendation Protocol for Vehicular Ad- hoc Networks</i> Maram Bani Younes (University of Ottawa, Canada), Azzedine Boukerche (University of Ottawa, Canada)	516
<i>On Exploiting Signal Irregularity with Topology Control for Mobile Underwater Wireless Sensor Networks</i> Linfeng Liu (Nanjing University of Posts and Telecommunications, P.R. China), Ye Liu (University of Science and Technology of China, P.R. China)	522
<i>Discovering Traffic Congestion along Routes of Interest using VANETs</i> Giuseppe Martuscelli (University of Bologna, Italy), Azzedine Boukerche (University of Ottawa, Canada), Paolo Bellavista (University of Bologna, Italy)	528
<i>Adaptive Energy-aware Routing Framework in Transmission Cost Constrained Wireless Sensor Networks</i> Debin Zou (Communication University of China, P.R. China), Yongbin Wang (Communication University of China, P.R. China)	534

Energy Efficient Protocols

<i>Sensor Network based Optimal Energy Flow Control in Buildings</i> Shinjae Kang (Korea Electronics Technology Institute, Korea), Hyunggon Park (Ewha Womans University, Korea)	539
<i>Optimizing Communication Energy Consumption in Perpetual Wireless Nanosensor Networks</i> Shahram Mohrehkesh (Old Dominion University, USA), Michele C. Weigle (Old Dominion University, USA)	545
<i>Energy Optimization with Delay Constraints in Underwater Acoustic Networks</i> Poongovan Ponnavaikko (Santa Clara University, USA), Kamal Yassin (Santa Clara University, USA), Sarah Kate Wilson (Santa Clara University, USA), Milica Stojanovic (Northeastern University, USA), JoAnne Holliday (Santa Clara University, USA)	551
<i>Energy Consumption Measurements and Reduction of Zigbee based Wireless Sensor Networks</i> Ahmad El Kouche (Queen's University, Canada), Abdulmonem Mohammad Rashwan (Queen's University, Canada), Hossam S. Hassanein (Queen's University, Canada)	557
<i>Energy Efficient Reactive Store-and-Forward Protocol for Intermittently Connected Networks</i> Ying Li (University of New Hampshire, USA), Radim Bartos (University of New Hampshire, USA)	563

Vehicular Networks

<i>AAF: Analog Superposition Assisted Forwarding Node Selection and Density Estimation in Vehicular Networks</i> Pratap Kumar Sahu (University of Montreal, Canada), Abdelhakim Hafid (University of Montreal, Canada)	569
<i>Message Scheduling and Delivery with Vehicular Communication Network Infrastructure</i> Jiazhen Zhou (University of Wisconsin - Whitewater, USA), Rose Qingyang Hu (Utah State University, USA), Yi Qian (University of Nebraska-Lincoln, USA)	575

<i>An Empirical Performance Study of Intra-vehicular Wireless Sensor Networks under WiFi and Bluetooth Interference</i>	
Jiun-Ren Lin (Carnegie Mellon University, USA), Tim Talty (General Motors, USA), Ozan Tonguz (Carnegie Mellon University, USA)	581
<i>Reliable Safety Message Dissemination with Minimum Energy in VANETs</i>	
Fen Zhou (University of Avignon, France), Abderrahim Benslimane (University of Avignon, France)	587
<i>Community-Aware Data Replication in Sparse Vehicular Networks</i>	
Zhenni Feng (Shanghai Jiao Tong University, P.R. China), Yanmin Zhu (Shanghai Jiao Tong University, P.R. China), Ruobing Jiang (Shanghai Jiao Tong University, P.R. China), Bo Li (Hong Kong University of Science and Technology, Hong Kong)	593

GC13 CISS: Globecom 2013 - Communication and Information System Security Symposium

Security of Wireless Networks

<i>A Topology Hidden Anonymous Multicast Routing for Ad Hoc Networks</i>	
Wei Yuan (University of Essex, United Kingdom), Liang Hu (Jilin University, P.R. China), Kun Yang (University of Essex, United Kingdom)	599
<i>Monitoring Home Network Traffic via Programmable Routers</i>	
Kuai Xu (Arizona State University, USA), Lin Gu (Hong Kong University of Science and Technology, Hong Kong), Feng Wang (Arizona State University, USA)	605
<i>Evading Eavesdroppers in Adversarial Cognitive Radio Networks</i>	
Ali K Houjeij (University of Illinois at Urbana-Champaign, USA), Walid Saad (University of Miami, USA), Tamer Başar (University of Illinois at Urbana-Champaign, USA)	611
<i>Mitigating Misleading Routing Attack using Path Signature in Mobile Ad-Hoc Networks</i>	
Farah Kandah (University of Tennessee at Chattanooga, USA), Yashaswi Singh (NDSU, USA), Weiyi Zhang (AT&T Labs Research, USA), Yulu Ma (China Telecom, Shanghai Research Center, P.R. China)	617
<i>A Density Based Scheme to Countermeasure Spectrum Sensing Data Falsification Attacks in Cognitive Radio Networks</i>	
Changlong Chen (University of Toledo, USA), Min Song (The University of Toledo, USA), ChunSheng Xin (Old Dominion University, USA)	623

Application and Social Network Security

<i>Privacy-preserving Attribute-based Friend Search in Geosocial Networks with Untrusted Servers</i>	
Linke Guo (University of Florida, USA), Xiaoyan Zhu (Xidian University, P.R. China), Chi Zhang (University of Science of Technology of China, P.R. China), Yuguang Fang (University of Florida, USA)	629
<i>Adaptive Threshold Displacement Algorithm for Removing Hidden Information from Digital Images</i>	
Fahimeh Rezaei (University of Nebraska Lincoln, USA), Michael Hempel (University of Nebraska-Lincoln, USA), Tao Ma (Xidian University, P.R. China), Pradhumna L Shrestha (University of Nebraska-Lincoln, USA), Dongming Peng (University Nebraska - Lincoln, USA), Hamid Sharif (University of Nebraska-Lincoln, USA)	635
<i>Sybil Defenses in Mobile Social Networks</i>	
Wei Chang (Temple University, USA), Jie Wu (Temple University, USA), Chiu C. Tan (Temple University, USA), Feng Li (Indiana University-Purdue University Indianapolis, USA)	641

<i>SPS: Secure Personal Health Information Sharing with Patient-centric Access Control in Cloud Computing</i>	
Mrinmoy Barua (University of Waterloo, Canada), Rongxing Lu (Nanyang Technological University, Singapore), Sherman Shen (University of Waterloo, Canada)	647
<i>Secure and Effective Image Storage for Cloud Based E-healthcare Systems</i>	
Chunhe Song (University of Waterloo, Canada), Xiaodong Lin (University of Ontario Institute of Technology, Canada), Sherman Shen (University of Waterloo, Canada)	653

Topics in Communication and Information System Security (Interactive Session)

<i>Probability of Strictly Positive Secrecy Capacity of the Weibull Fading Channel</i>	
Xian Liu (University of Arkansas at Little Rock, USA)	659
<i>Transmit Antenna Selection with Alamouti Scheme in MIMO Wiretap Channels</i>	
Shihao Yan (The University of New South Wales, Australia), Nan Yang (The University of New South Wales, Australia), Robert Malaney (University of New South Wales, Australia), Jinhong Yuan (University of New South Wales, Australia)	665

Security and Privacy in Cloud Computing and Storage

<i>Practical and Privacy-assured Data Indexes for Outsourced Cloud Data</i>	
Hongli Zhang (Harbin Institute of Technology, P.R. China), Zhigang Zhou (Harbin Institute of Technology, P.R. China), Xiaojiang Du (Temple University, USA), Panpan Li (Harbin Institute of Technology, P.R. China), Xiangzhan Yu (Harbin Institute of Technology, P.R. China)	671
<i>Protecting Private Cloud Located within Public Cloud</i>	
Hongli Zhang (Harbin Institute of Technology, P.R. China), Lin Ye (Harbin Institute of Technology, P.R. China), Xiaojiang Du (Temple University, USA), Mohsen Guizani (QU, USA)	677
<i>Effectively Auditing IaaS Cloud Servers</i>	
Chunlu Wang (Beijing Post and Telecommunication University, P.R. China), Liu Chuanyi (Beijing University of Posts and Telecommunications, P.R. China), Xiaoliang Wang (Beijing University of Posts and Telecommunications, P.R. China), Yingfei Dong (University of Hawaii, USA)	682
<i>P2E: Privacy-preserving and Effective Cloud Data Sharing Service</i>	
Xin Dong (Shanghai Jiao Tong University, P.R. China), Jiadi Yu (Shanghai Jiao Tong University, P.R. China), Yuan Luo (Shanghai Jiao Tong University, P.R. China), Yingying Chen (Stevens Institute of Technology, USA), Xue Guangtao (Shanghai Jiao Tong University, P.R. China), Minglu Li (Shanghai Jiao Tong University, P.R. China)	689
<i>Provable Ownership of File in De-duplication Cloud Storage</i>	
Chao Yang (Xidian University, USA), Jian Ren (Michigan State University, USA), Jian-feng Ma (Xidian University, Puerto Rico)	695

PHY-layer Security

<i>Covert OFDM Transmission Using CDD Based Frequency Selective Channel</i>	
Sun Songlin (Beijing University of Posts and Telecommunications, P.R. China), Bo Rong (CRC, Canada), Yanhong Ju (Beijing University of Posts and Telecommunications, P.R. China)	701
<i>Connectivity of Multi-channel Wireless Networks Under Jamming Attacks</i>	
Chengzhi Li (Broadcom, USA), Huaiyu Dai (NC State University, USA)	706
<i>Secure OFDM Transmission Based on Multiple Relay Selection and Cooperation</i>	
Weikun Hou (The University of Western Ontario, Canada), Xianbin Wang (The University of Western Ontario, Canada), Ahmed Refaey (University of Western Ontario, Canada)	712

<i>A Secure and Robust Self-Encoded Spread Spectrum Multiple-Access Approach for Multimedia Communication System</i>	
Kun Hua (Lawrence Technological University, USA), Guang-Chong Zhu (Lawrence Tech. University, USA), Athanasios V. Vasilakos (National Technical University of Athens, Greece), Honggang Wang (University of Massachusetts, Dartmouth, USA), Wei Wang (South Dakota State University, USA)	717
<i>Realizing an 802.11-based Covert Timing Channel Using Off-The-Shelf Wireless Cards</i>	
Sakthi Vignesh Radhakrishnan (Georgia Institute of Technology, USA), A. Selcuk Uluagac (Georgia Institute of Technology, USA), Raheem Beyah (Georgia Institute of Technology, USA)	722

Internet Security

<i>A Dynamical Deterministic Packet Marking Scheme for DDoS Traceback</i>	
Shui Yu (Deakin University, Australia), Wanlei Zhou (Deakin University, Australia), Song Guo (The University of Aizu, Japan), Minyi Guo (Shanghai Jiao Tong University, P.R. China)	729
<i>A Novel Anomaly Detection System based on Seven-dimensional Flow Analysis</i>	
Marcos V. O. de Assis (State University of Londrina, Brazil), Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal), Mario Lemes Proenca Jr. (State University of Londrina, Brazil)	735
<i>Thwarting Traceback Attack on Freenet</i>	
Guanyu Tian (Florida State University, USA), Zhenhai Duan (Florida State University, USA), Todd Baumeister (University of Hawaii at Manoa, USA), Yingfei Dong (University of Hawaii, USA)	741
<i>What are you Googling? - Inferring search type information through a statistical classifier</i>	
Alfonso Iacovazzi (Sapienza University of Rome, Italy), Andrea Baiocchi (University of Roma Sapienza, Italy), Ludovico Bettini (Sapienza - University of Rome, Italy)	747
<i>Using Randomized Routing to Counter Routing Table Insertion Attack on Freenet</i>	
Todd Baumeister (University of Hawaii at Manoa, USA), Yingfei Dong (University of Hawaii, USA), Guanyu Tian (Florida State University, USA), Zhenhai Duan (Florida State University, USA)	754

Smart Grid Security I

<i>On False Data Injection Attack against Multistep Electricity Price in Electricity Market in Smart Grid</i>	
Jie Lin (Xi'an Jiaotong University, P.R. China), Wei Yu (Towson University, USA), Xinyu Yang (Xi'an Jiaotong University, P.R. China)	760
<i>Mitigating False-data Injection Attacks on DC State Estimation using Covert Topological Information</i>	
Suzhi Bi (National University of Singapore, Hong Kong), Ying Jun (Angela) Zhang (The Chinese University of Hong Kong, Hong Kong)	766
<i>False-data Injection Attack to Control Real-time Price in Electricity Market</i>	
Suzhi Bi (National University of Singapore, Hong Kong), Ying Jun (Angela) Zhang (The Chinese University of Hong Kong, Hong Kong)	772
<i>Efficient Public-Key Certificate Revocation Schemes for Smart Grid</i>	
Mohamed M E A Mahmoud (Tennessee Tech University, USA), Jelena Mišić (Ryerson University, Canada), Sherman Shen (University of Waterloo, Canada)	778
<i>A Scalable Public Key Infrastructure for Smart Grid Communications</i>	
Mohamed M E A Mahmoud (Tennessee Tech University, USA), Jelena Mišić (Ryerson University, Canada), Sherman Shen (University of Waterloo, Canada)	784

Smart Grid Security II

<i>4-Way Handshaking Protection for Wireless Mesh Network Security in Smart Grid</i> Hamid Gharavi (NIST, USA), Bin Hu (National Institute of Standards and Technology, USA)	790
<i>ECQ: An Efficient Conjunctive Query Scheme over Encrypted Multidimensional Data in Smart Grid</i> Mi Wen (Shanghai University of Electric Power, P.R. China), Rongxing Lu (Nanyang Technological University, Singapore), Jingsheng Lei (Shanghai University of Electric Power, Canada), Xiaohui Liang (University of Waterloo, Canada), Hongwei Li (University of Electronic Science and Technology of China, P.R. China), Sherman Shen (University of Waterloo, Canada)	796
<i>Robust Group Key Management with Revocation and Collusion Resistance for SCADA in Smart Grid</i> Rong Jiang (National University of Defense Technology, P.R. China), Rongxing Lu (Nanyang Technological University, Singapore), Chengzhe Lai (Xidian University, P.R. China), Jun Luo (National University of Defense Technology, P.R. China), Sherman Shen (University of Waterloo, Canada)	802
<i>Detecting Stealthy False Data Injection Using Machine Learning in Smart Grid</i> Mohammad Esmalifalak (University of Houston, USA), Nam Tuan Nguyen (University of Houston, USA), Rong Zheng (McMaster University, Canada), Zhu Han (University of Houston, USA)	808

Mobile Platform Security

<i>On Behavior-based Detection of Malware on Android Platform</i> Wei Yu (Towson University, USA), Hanlin Zhang (Towson University, USA), Linqiang Ge (Computer and Information Sciences, Towson University, USA), Rommie Hardy (Army Research Lab, USA)	814
<i>MobiCache: When k-anonymity Meets Cache</i> Xiaoyan Zhu (Xidian University, P.R. China), Haotian Chi (Xidian University, P.R. China), Ben Niu (Xidian University, P.R. China), Weidong Zhang (Xidian University, P.R. China), Zan Li (Xidian University, P.R. China), Hui Li (Xidian University, P.R. China)	820
<i>Detecting GPS Information Leakage in Android Applications</i> Siyuan Ma (Shanghai Jiaotong University, P.R. China), Zhushou Tang (Shanghai Jiao Tong University, P.R. China), Qiuyu Xiao (Shanghai Jiao Tong University, P.R. China), Jiafa Liu (Shanghai Jiao Tong University, P.R. China), Triet Duong Tran (Shanghai Jiao Tong University, Vietnam), Xiaodong Lin (University of Ontario Institute of Technology, Canada), Haojin Zhu (Shanghai Jiao Tong University, P.R. China)	826
<i>LGTH: A Lightweight Group Authentication Protocol for Machine-Type Communication in LTE Networks</i> Chengzhe Lai (Xidian University, P.R. China), Hui Li (Xidian University, P.R. China), Rongxing Lu (Nanyang Technological University, Singapore), Rong Jiang (National University of Defense Technology, P.R. China), Sherman Shen (University of Waterloo, Canada)	832
<i>Preserving Location Privacy on the Release of Large-scale Mobility Data</i> Xueheng Hu (University of Notre Dame, USA), Aaron D Striegel (University of Notre Dame, USA)	838

Information Security and Anonymity

<i>Combating Network Pollution Attacks: A Cascaded Error-Control Coding Approach</i> Jian Li (Michigan State University, USA), Tongtong Li (Michigan State University, USA), Jian Ren (Michigan State University, USA)	844
---	-----

<i>Neighborhood Watch: On Network Coding Throughput and Key Sharing</i> Martin Strohmeier (University of Oxford, United Kingdom), Ivan Martinovic (University of Oxford, United Kingdom), Utz Roedig (Lancaster University, United Kingdom), Karim El Defrawy (HRL Laboratories, USA), Jens Schmitt (University of Kaiserslautern, Germany)	849
<i>Anonymity-Preserving Identity-Based Multisignature Scheme with Provision for Origin Self-Revelation</i> Weihan Goh (Nanyang Technological University, Singapore), Chai Kiat Yeo (Nanyang Technological University, Singapore)	855
<i>An Efficient and Anonymous Attribute-Based Group Setup Scheme</i> Bing Li (Arizona State University, USA), Zhijie Wang (Arizona State University, USA), Dijiang Huang (Arizona State University, USA)	861
<i>RE-NOTE: An E-voting Scheme based on Ring Signature and Clash Attack Protection</i> Haijun Pan (New Jersey Institute of Technology, USA), Edwin Hou (New Jersey Institute of Technology, USA), Nirwan Ansari (NJIT, USA)	867

GC13 CogRN: Globecom 2013 - Cognitive Radio and Networks Symposium

Spectrum Sharing

<i>Throughput Scaling Laws of Cognitive Radio Networks with Directional Transmission</i> Zhiqing Wei (Beijing University of Posts and Telecommunications, P.R. China), Zhiyong Feng (Beijing University of Posts and Telecommunications, P.R. China), Qixun Zhang (Beijing University of Posts and Telecommunications, P.R. China), Wei Li (University of Victoria, Canada), T. Aaron Gulliver (University of Victoria, Canada)	872
<i>Spectrum Sharing for Bidirectional Communication exploiting Zero-Forcing and Singular Value Decomposition Beamforming</i> Hela Hakim (University of Carthage, Tunisia), Wessam Ajib (Université du Québec à Montréal, Canada), Hatem Boujemaa (Ecole Supérieure des Communications, Tunisia)	878
<i>Interference-Mitigating Broadband Secondary User Downlink System: A Time-Reversal Solution</i> Hang Ma (University of Maryland, USA), Feng Han (QUALCOMM RESEARCH, USA), K. J. Ray Liu (University of Maryland, USA)	884
<i>Study on spectrum sharing method based on distance estimation for cognitive radio networks</i> Kenta Umabayashi (Tokyo University of Agriculture and Technology, Japan), Janne Lehtomäki (University of Oulu, Finland), Yasuo Suzuki (Tokyo University of Agriculture and Technology, Japan)	890
<i>A Cross-Layer Routing Protocol (CLRP) for Cognitive Radio Network</i> Ramzi Saifan (Iowa State University, USA), Ahmed E. Kamal (Iowa State University, USA), Yong Guan (Iowa State University, USA)	896

Economic Approach in Cognitive Radio Networks

<i>Futures Market for Spectrum Trade in Wireless Communications: Modeling, Pricing and Hedging</i> Husheng Li (University of Tennessee, USA), Tao Shu (Oakland University, USA), Feng He (Huazhong University of Science and Technology, P.R. China), Ju Bin Song (Kyung Hee University, Korea)	902
<i>Pricing-based routing in cognitive radio networks</i> Enas Khairullah (University of Central Florida, USA), Mainak Chatterjee (University of Central Florida, USA), Kevin Kwiat (Air Force Research Laboratory, USA)	908
<i>Pricing Mechanisms and Equilibrium Behaviors of Noncooperative Users in Cognitive Radio Networks</i> Nguyen H. Tran (Kyung Hee University, Korea), Cuong T. Do (Kuyng Hee University, Korea), Seung Il Moon (Kuyng Hee University, Korea), Choong Seon Hong (Kyung Hee University, Korea)	913

<i>Combating Time-Duration Uncertainty of Spectrum Resources: A Risk-Reduced Auction Approach</i>	
Guangen Wu (Xi'an JiaoTong University, P.R. China), Pinyi Ren (Xi'an Jiaotong University, P.R. China), Li Sun (Xi'an Jiaotong University, P.R. China), Qinghe Du (Xi'an Jiaotong University, P.R. China)	919
<i>White Space Ecosystem: A Secondary Network Operator's Perspective</i>	
Yuan Luo (The Chinese University of Hong Kong, Hong Kong), Lin Gao (The Chinese University of Hong Kong, Hong Kong), Jianwei Huang (The Chinese University of Hong Kong, Hong Kong)	925

MIMO and Cooperative Relaying Cognitive Radio Networks I

<i>Transmit Antenna Selection in a Cognitive MIMO System with Primary Cooperation</i>	
Hans Yngvesson (CCSR, United Kingdom), Yi Ma (University of Surrey, United Kingdom), Na Yi (University of Surrey, United Kingdom), Rahim Tafazolli (University of Surrey, United Kingdom)	931
<i>Overlay Cognitive Radio Systems with Adaptive Two-Way Relaying</i>	
Amal Hyadi (King Abdullah University of Science and Technology, Saudi Arabia), Elmahdi Driouch (Université du Québec à Montréal, Canada), Wessam Ajib (Université du Québec à Montréal, Canada), Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)	937
<i>On Spectral Efficiency of Using Relay with Opportunistic Channel Assignment</i>	
Chuyi Qian (University of Surrey, United Kingdom), Yi Ma (University of Surrey, United Kingdom), Rahim Tafazolli (University of Surrey, United Kingdom)	943
<i>A new Cooperative Transmission Scheme with Relay Selection for Cognitive Radio Networks</i>	
Wael Jaafar (École Polytechnique de Montréal, Canada), Wessam Ajib (Université du Québec à Montréal, Canada), David Haccoun (Ecole Polytechnique de Montréal, Canada)	949
<i>Cognitive Cooperative Networks in Dual-Hop Asymmetric Fading Channels</i>	
Trung Q. Duong (Queen's University Belfast, United Kingdom), Tran Trung Duy (Posts and Telecommunications Institute of Technology, Vietnam), Michail Matthaiou (Queen's University Belfast, United Kingdom), Theodoros Tsiftsis (Technological Educational Institute of Lamia, Greece), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece)	955

Cognitive Radio Applications and Implementation

<i>QoS- and Security-Aware Dynamic Spectrum Management for Cyber-Physical Surveillance System</i>	
Pengbo Si (Beijing University of Technology, P.R. China), F. Richard Yu (Carleton University, Canada), Yanhua Zhang (Beijing University of Technology, P.R. China)	962
<i>Learning-based Framework for Policy-aware Cognitive Radio Emergency Networking</i>	
Eunkyung Lee (Rutgers University, USA), Hariharasudhan Viswanathan (Rutgers University, USA), Dario Pompili (Rutgers University, USA)	968
<i>Adapting IEEE 802.22 OFDMA System for P2PWRANs</i>	
Huaizhou Shi (Delft University of Technology, The Netherlands), R Venkatesha Prasad (Delft University of Technology, The Netherlands), Vijay Sathyanarayana Rao (Delft University of Technology, The Netherlands), Ignas G.M.M. Niemegeers (Delft University of Technology, The Netherlands)	974
<i>Downlink Capacity of Super Wi-Fi Coexisting with Conventional Wi-Fi</i>	
Hyoil Kim (Ulsan National Institute of Science and Technology (UNIST), Korea), Kyubo Shin (UNIST, Korea), Changhee Joo (UNIST, Korea)	980
<i>A Novel Approach to Supporting Legacy Devices in LTE Networks</i>	
Xingqin Lin (The University of Texas at Austin, USA), Harish Viswanathan (Bell Labs, Alcatel-Lucent, USA)	986

MIMO and Cooperative Relaying Cognitive Radio Networks II

<i>Two-Way Cognitive Relay Networks with Multiple Licensed Users</i> Kyeong Jin Kim (Mitsubishi Electric Research Laboratories (MERL), USA), Trung Q. Duong (Queen's University Belfast, United Kingdom), Maged Elkashlan (Queen Mary, University of London, United Kingdom), Phee Lep Yeoh (University of Melbourne, Australia), Arumugam Nallanathan (King's College London, United Kingdom)	992
<i>A Novel Interference Alignment Scheme Based on Antenna Selection in Cognitive Radio Networks</i> Xuanheng Li (Dalian University of Technology, P.R. China), Yi Sun (Dalian University of Technology, P.R. China), F. Richard Yu (Carleton University, Canada), Nan Zhao (Dalian University of Technology, P.R. China)	998
<i>Cross-Channel Gain Estimation with Amplify-and-Forward Relaying in Cognitive Radio</i> Lin Zhang (University of Electronic Science and Technology of China, P.R. China), Guodong Zhao (University of Electronic Science and Technology of China (UESTC), P.R. China), Gang Wu (University of Electronic Science and Technology of China, P.R. China), Zhi Chen (University of Electronic Science and Technology of China, P.R. China)	1003
<i>Practical Interference Alignment and Cancellation for MIMO Underlay Cognitive Radio Networks with Multiple Secondary Users</i> Tianyi Xu (Interdigital Communications, USA), Liangping Ma (Interdigital Communications, USA), Gregory Sternberg (InterDigital Communications Corp., USA)	1009
<i>Spectrum Sharing Strategy using Bipartite Matching for Cooperative Cognitive Radio Networks</i> Yujie Tang (University of Waterloo, Canada), Yongkang Liu (University of Waterloo, Canada), Jon Mark (University of Waterloo, Canada), Sherman Shen (University of Waterloo, Canada)	1015

Energy Management of Cognitive Radio Networks

<i>Optimal Selection of Spectrum Sensing Duration for an Energy Harvesting Cognitive Radio</i> Ahmed El Shafie (Wireless Intelligent Networks Center (WINC), Nile University, Egypt), Ahmed Sultan (Alexandria University, Egypt)	1020
<i>Energy-Efficient Resource Allocation for Cognitive Radio Networks</i> Lu Lu (Georgia Institute of Technology, USA), Dawei He (Georgia Institute of Technology, USA), Xingxing Yu (Georgia Institute of Technology, USA), Geoffrey Li (Georgia Tech, USA)	1026
<i>Saving-Sensing-Throughput Tradeoff in Cognitive Radio Systems with Wireless Energy Harvesting</i> Sixing Yin (Beijing University of Posts and Telecommunications, P.R. China), Erqing Zhang (Beijing University of Posts and Telecommunications, P.R. China), Liang Yin (Beijing University of Posts and Telecommunications, P.R. China), Shufang Li (Beijing University of Posts and Telecommunications, P.R. China)	1032
<i>Hard Combining Based Energy Efficient Spectrum Sensing in Cognitive Radio Network</i> Huanyu Yang (Zhejiang University, P.R. China), Zhifeng Zhao (Zhejiang University, P.R. China), Honggang Zhang (Université Européenne de Bretagne (UEB) and Supelec, France)	1038
<i>On Precoding for Maximum Weighted Energy Efficiency of MIMO Cognitive Multiple Access Channels</i> Guangjie Huang (Auburn University, USA), Jitendra Tugnait (Auburn University, USA)	1044

Topics in Cognitive Radio Networks (Interactive Session)

<i>Cooperative Cognitive Radio Networking for Opportunistic Channel Access</i> Ning Zhang (University of Waterloo, Canada), Nan Cheng (University of Waterloo, Canada), Ning Lu (University of Waterloo, Canada), Haibo Zhou (Shanghai Jiao Tong University, P.R. China), Jon Mark (University of Waterloo, Canada), Sherman Shen (University of Waterloo, Canada)	1050
---	------

<i>Hybrid Overlay/Underlay MC-CDMA for Cognitive Radio Networks with MMSE Channel Equalization</i>	
Fahimeh Jasbi (The University of Manchester, United Kingdom), Daniel K. C. So (University of Manchester, United Kingdom), Emad Alsusa (Manchester University, United Kingdom)	1056
<i>Adaptive Small Cell Emission Masks (SCEMs) as a licensing scheme in the 3.5GHz band</i>	
Justin Tallon (University of Dublin , Trinity College, Ireland), Timothy K. Forde (University of Dublin, Trinity College, Ireland), Linda Doyle (Trinity College Dublin, Ireland)	1062

Spectrum Sensing I

<i>A Contention-Based Wideband DSA Algorithm With Asynchronous Cooperative Spectrum Sensing</i>	
Chunxing Jiang (University of Alberta, Canada), Chunxiao Jiang (Tsinghua University, Beijing, P.R. China), Norman Beaulieu (University of Alberta, Canada)	1069
<i>Secure Cooperative Spectrum Sensing Based on Sybil-Resilient Clustering</i>	
Jerry Chiang (Advanced Digital Sciences Center, Singapore), Yih-Chun Hu (University of Illinois at Urbana-Champaign, USA), Pulkit Yadav (Indian Institute of Technology Delhi, India)	1075
<i>Cluster-based Cooperative Spectrum Sensing in Two-layer Hierarchical Cognitive Radio Networks</i>	
Wenxuan Lin (Beijing University of Posts and Telecommunications, P.R. China), Ying Wang (Beijing University of Posts and Telecommunications, P.R. China), Weiheng Ni (University of Victoria, Canada)	1082
<i>Time-Frequency Compressed Spectrum Sensing in Cognitive Radios</i>	
Shaghayegh S.M. Monfared (Imam Khomeini International University, Iran), Abbas Taherpour (Imam Khomeini International University, Iran), Tamer Khattab (Qatar University, Qatar)	1088
<i>Post-Combining Based Cyclostationary Feature Detection for Cognitive Radio over Fading Channels</i>	
Juei-Chin Shen (University of Manchester, United Kingdom), Emad Alsusa (Manchester University, United Kingdom)	1095

Spectrum Sensing II

<i>A Clustering-based Coordinated Spectrum Sensing in Wideband Large-scale Cognitive Radio Networks</i>	
Behzad Shahrabi (Oklahoma State University, USA), Nazanin Rahnavard (University of Central Florida, USA)	1101
<i>Eigenvalue based SNR Estimation for Cognitive Radio in Presence of Channel Correlation</i>	
Shree Krishna Sharma (University of Luxembourg, Luxembourg), Symeon Chatzinotas (University of Luxembourg, Luxembourg), Björn Ottersten (KTH Royal Institute of Technology, Sweden)	1107
<i>Evolutionary Game for Joint Spectrum Sensing and Access in Cognitive Radio Networks</i>	
Chunxiao Jiang (Tsinghua University, Beijing, P.R. China), Yan Chen (University of Maryland, College Park, USA), Yang Gao (University of Maryland College Park, USA), K. J. Ray Liu (University of Maryland, USA)	1113
<i>Exploiting Hidden Block Sparsity: Interdependent Matching Pursuit for Cyclic Feature Detection</i>	
Yu Wang (University of Cambridge, United Kingdom), Wei Chen (Beijing Jiaotong University, P.R. China), Ian James Wassell (University of Cambridge, United Kingdom)	1119

Spectrum Sensing III

<i>Optimal Sensing Order in Cognitive Radio Networks with Channel Stability and Traffic Differentiation</i> Arash Azarfar (Ecole Polytechnique de Montréal, Canada), Jean-François Frigon (Ecole Polytechnique de Montreal and GERAD, Canada), Brunilde Sansò (Ecole Polytechnique de Montreal, Canada)	1125
<i>Feature-based Compressive Signal Processing (CSP) Measurement Design for the Pattern Analysis of Cognitive Radio Spectrum</i> Mengcheng Guo (University of Alabama, USA), Fei Hu (University of Alabama, USA), Yeqing Wu (University of Alabama, Tuscaloosa, USA), Sunil Kumar (San Diego State University, USA)	1131
<i>iSens: Detecting Hidden Busy Channels in WM Systems with Interactive Sensing for CRN</i> Dan Shan (GM Research, USA), Kai Zeng (University of Michigan - Dearborn, USA), Paul Richardson (University of Michigan, Dearborn, USA), Weidong Xiang (University of Michigan, Dearborn, USA)	1137
<i>A Novel Sequential Spectrum Sensing Method in Cognitive Radio Using Suprathreshold Stochastic Resonance</i> Qunwei Li (State Key Laboratory of Integrated Services Networks, Xidian University, P.R. China), Zan Li (Xidian University, P.R. China), JiangBo Si (Xi'dian, P.R. China), Rui Gao (State Key Lab. of Integrated Services Networks, Xidian University, P.R. China)	1143
<i>DS3: A Dynamic and Smart Spectrum Sensing Technique for Cognitive Radio Networks Under Denial of Service Attack</i> Muhammad Faisal Amjad (University of Central Florida, USA), Baber Aslam (National University of Sciences and Technology, Pakistan), Cliff Zou (University of Central Florida, USA)	1149

Modeling and Analysis of Cognitive Radio Networks

<i>Primary User Traffic Classification in Dynamic Spectrum Access Networks</i> Chun-Hao Liu (University of California, Los Angeles, USA), Eric Rebeiz (UCLA, USA), Przemyslaw Pawelczak (Delft University of Technology, The Netherlands), Danijela Cabric (University of California Los Angeles, USA)	1155
<i>Understanding Topology Dynamics in Large-Scale Cognitive Radio Networks under Generic Failures</i> Lei Sun (NC State University, USA), Wenye Wang (NC State University, USA)	1161
<i>Performance Analysis and Resource Allocation of Heterogeneous Cognitive Gaussian Relay Channels</i> Ke Xue (School of Information Science and Engineering, Xiamen University, P.R. China), Xuemin Hong (Xiamen University, P.R. China), Lingyu Chen (Xiamen University, P.R. China), Jin Xiong (School of Information Science and Engineering, Xiamen University, P.R. China), Jianghong Shi (Xiamen University, P.R. China), Chengxiang Wang (Heriot-Watt University, United Kingdom)	1167
<i>Adaptive Cooperative Sensing with Low Overhead for Cognitive Radio Networks</i> Zeyang Dai (University of Electronic Science and Technology of China (UESTC), P.R. China), Jian Liu (University of Electronic Science and Technology of China, P.R. China), Chonggang Wang (InterDigital Communications, USA), Keping Long (University of Science and Technology Beijing, P.R. China)	1173
<i>Tradeoff Between Spectrum Cost and Quality of Service in A Cognitive Radio Network</i> Naveed UI Hassan (Department of Electrical Engineering, LUMS School of Science and Engineering, Lahore, Pakistan), Sajjad Hussain (MAJU, Pakistan), Chau Yuen (Singapore University of Technology and Design, Singapore), Lingjie Duan (Singapore University of Technology and Design (SUTD), Singapore)	1179

Spectrum and Multiple Access I

<i>Time Efficient Data Aggregation Scheduling in Cognitive Radio Networks</i> Mingyuan Yan (Georgia State University, USA), Shouling Ji (Georgia Institute of Technology, USA), Zhipeng Cai (Georgia State University, USA)	1185
<i>Time-Efficient Broadcasting in Cognitive Radio Networks</i> Tsung-Ying Wu (National Taiwan University, Taiwan), Wanjiun Liao (National Taiwan University, Taiwan)	1191
<i>Improving the Throughput of Cognitive Radio Networks Using the Broadcast Approach</i> Lokman Sboui (King Abdullah University of Science and Technology (KAUST), Saudi Arabia), Zouheir Rezki (King Abdullah University of Science and Technologie (KAUST), Saudi Arabia), Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)	1197
<i>Scheduling Uncertain Links In Multihop Cognitive Relay Networks</i> Brendan Mumeey (Montana State University, USA), Riku Jäntti (Aalto University School of Electrical Engineering, Finland), Sean Yaw (Montana State University, USA)	1203
<i>Distributed Decision Making in Cognitive Radio Networks Through Argumentation</i> Brent Horine (Clarcona Technology, LLC., USA), Ladislau Bölöni (University of Central Florida, USA), Damla Turgut (University of Central Florida, USA)	1209

Spectrum and Multiple Access II

<i>Optimizing Media Access Strategy for Competing Cognitive Radio Networks</i> Youngjune L Gwon (Harvard University, USA), Siamak Dastangoo (MIT Lincoln Lab, USA), Ht Kung (Harvard University, USA)	1215
<i>Contention based Multi-channel MAC Protocol for Distributed Cognitive Radio Networks</i> Saptarshi Debroy (University of Central Florida, USA), Swades De (Indian Institute of Technology, Delhi, India), Mainak Chatterjee (University of Central Florida, USA)	1221
<i>Optimizing Flow Control in Multi-interface Wireless Cognitive Radio Networks</i> Alireza Louni (Stevens Institute of Technology, USA), Koduvayur P Subbalakshmi (Stevens Institute of Technology, USA)	1227
<i>Carrier Aggregation as a Repeated Game: Learning Algorithms for Efficient Convergence to a Nash Equilibrium</i> Hamed Ahmadi (Trinity College Dublin, Ireland), Irene Macaluso (Trinity College Dublin, Ireland), Luiz A. DaSilva (Virginia Polytechnic Institute and State University, Ireland)	1233
<i>Robust Opportunistic Spectrum Access Based on Channel Quality Information in Varying Multi-Channel Networks</i> Xiaodong Peng (Tsinghua University, P.R. China), Xiaofeng Zhong (Tsinghua University, P.R. China), Limin Xiao (Tsinghua University, P.R. China), Shidong Zhou (Tsinghua University, P.R. China)	1240

Spectrum and Multiple Access III

<i>Bayesian and Neural Network Schemes for Call Admission Control in LTE systems</i> Biljana Bojovic (Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain), Giorgio Quer (University of California San Diego, USA), Nicola Baldo (Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain), Ramesh Rao (University of California at San Diego, USA)	1246
<i>Robust Cognitive Beamforming for Cell-edge Coverage in Multicell Networks with Probabilistic Constraints</i> Azar Zarrebini-Esfahani (King's College London, United Kingdom), Tuan Anh Le (University of Leeds, United Kingdom), Mohammad Reza Nakhai (King's College London, United Kingdom)	1253

<i>A New Radio Channel Allocation Strategy Using Simulated Annealing and Gibbs Sampling</i> Ming Yu (Florida State University, USA), Xiaoguang Ma (Florida State University, USA)	1259
<i>On the Use and Optimization of PRMA based Cognitive M2M Communications</i> Adnan Aijaz (King's College London, United Kingdom), Hamid Aghvami (King's College London, United Kingdom)	1265
<i>Spectrum-efficient Stochastic Channel Assignment for Opportunistic Networks</i> Mohammad J. Abdel-Rahman (University of Arizona, USA), Fujun Lan (University of Arizona, USA), Marwan Krunz (University of Arizona, USA)	1272

GC13 CQRM: Globecom 2013 - Communications QoS, Reliability and Modelling Symposium

Data Center and Cloud Networking

<i>Virtual Network Embedding Algorithm for One-to-One Site Protection</i> Ashiq Khan (NTT DOCOMO, Inc., Japan), Xueli An (DOCOMO Euro-Labs, Germany), David Perez-Caparros (DOCOMO Euro-Labs, Germany), Wolfgang Kiess (DOCOMO Euro-Labs, Germany)	1278
<i>Towards Coordinated Congestion Control and Load Balancing in Datacenter Networks</i> Zhengwei Zhao (Chinese Academy of Sciences, P.R. China), Zhixiong Jiang (Information Technology Center, China National Petroleum Corporation, P.R. China), Chunyang Lu (Information Technology Center, China National Petroleum Corporation, P.R. China), Yushan Cai (Information Technology Center, China National Petroleum Corporation, P.R. China), Jingping Bi (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)	1285
<i>An Analytical Model for Follow Me Cloud</i> Tarik Taleb (NEC Europe Ltd., Germany), Adlen Ksentini (University of Rennes 1 / IRISA Lab, France)	1291
<i>Heterogeneity Aware Dominant Resource Assistant Heuristics for Virtual Machine Consolidation</i> Yan Zhang (NJIT, USA), Nirwan Ansari (NJIT, USA)	1297
<i>PR-VNE: Preventive Reliable Virtual Network Embedding Algorithm in Cloud's Network</i> Oussama Soualah (UPEC, France), Ilhem Fajjari (Virtuor, France), Nadjib Aitsaadi (LiSSI - University of Paris-Est Creteil (UPEC), France), Abdelhamid Mellouk (UPEC, University Paris- Est Creteil Val de Marne, France)	1303

VoIP/MoIP

<i>Market Entrance, User Interaction and Willingness-to-Pay: Exploring Fundamentals of QoE-based Charging for VoD Services</i> Patrick Zwickl (University of Vienna, Austria), Andreas Sackl (FTW Telecommunications Research Center Vienna, Austria), Peter Reichl (University of Vienna, Austria)	1310
<i>EVA: Enhancing VoIP Applications</i> Bruno Miguel Sousa (University of Coimbra, Portugal), Kostas Pentikousis (EICT, Germany), Marilia Curado (University of Coimbra, Portugal)	1317
<i>A New Adaptive Redundancy Control Algorithm For VoIP Applications</i> Haytham Assem (NUI Maynooth, Ireland), David Malone (NUI Maynooth, Ireland), Jonathan Dunne (Systems and Performance Engineering, IBM Dublin, Software Lab, Ireland), Pat O'Sullivan (Systems and Performance Engineering, IBM Dublin, Software Lab, Ireland)	1323
<i>VoIP Quality Measurement: Enhanced E-model Using Bias Factor</i> Therdpong Daengsi (Faculty of Information Technology, King Mongkut's University of Technology North Bangkok, Thailand), Pongpisit Wuttidittachotti (Faculty of Information Technology, King Mongkut's University of Technology North Bangkok, Thailand)	1329

<i>Resilient Communication through Multihoming for Remote Healthcare Applications</i> Voravit Tanyingyong (KTH Royal Institute of Technology, Sweden), M Siraj Rathore (KTH Royal Institute of Technology, Sweden), Markus Hidell (KTH Royal Institute of Technology, Sweden), Peter Sjödin (KTH, Sweden)	1335
--	------

Modeling, Measurements and Performance Evaluation (Interactive Session)

<i>A Clustered Dynamic Point Split Algorithm for Packet Classification</i> Weitao Han (National Digital Switching System Engineering & Technology R&D Center, P.R. China), Peng Yi (National Digital Switching System Engineering & Technology R&D Center (NDSC), P.R. China)	1342
<i>A Reputation Based Incentive Mechanism for Selfish BitTorrent System</i> Miao Wang (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Yujun Zhang (Institute of Computing Tech. Chinese Academy of Sciences, P.R. China), Xuying Meng (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)	1348
<i>How Does Selfishness Influence the Performance of Energy-Constrained Gossip?</i> Xuefeng Xiao (Central South University, P.R. China), Xiaoyan Kui (Central South University, P.R. China), Yong Li (Tsinghua University, P.R. China)	1354
<i>Comparison of Multipath TCP and CMT-SCTP based on Intercontinental Measurements</i> Martin Becke (University of Duisburg-Essen, Germany), Hakim Adhari (University of Duisburg-Essen, Germany), Erwin P. Rathgeb (Universität Duisburg-Essen, Germany), Fu Fa (Hainan University, P.R. China), Xiong Yang (Hainan University, P.R. China), Xing Zhou (Hainan University, P.R. China)	1360
<i>Design and Analysis of a VoIP Based IEEE 802.16e System</i> Doru Calin (Bell Labs, Alcatel-Lucent, USA)	1367
<i>Towards Reproducible Performance Studies of Datacenter Network Architectures Using An Open-Source Simulation Approach</i> Daji Wong (Nanyang Technological University, Singapore), Kiam Tian Seow (Nanyang Technological University, Singapore), Chuan Heng Foh (University of Surrey, United Kingdom), Renuga Kanagavelu (A star Data Storage Institute, Singapore)	1373
<i>Wavelet-Based Multi-Scale Anomaly Identification in Cloud Computing Systems</i> Qiang Guan (University of North Texas, USA), Song Fu (University of North Texas, USA)	1379
<i>Cross-Layer Resource Allocation Approach in OFDMA Systems with Multi-Class QoS Services and Users Queue Status</i> Mustafa Muhammad Matalgah (University of Mississippi, USA), Omar M Hammouri (University of Mississippi, USA), Bimal Paudel (University of Mississippi, USA)	1385

SDN and Content Centric Networking

<i>A Performance Study of Network Migration to SDN-enabled Traffic Engineering</i> Marcel Caria (Technische Universität Carolo-Wilhelmina zu Braunschweig, Germany), Admela Jukan (Technische Universität Carolo-Wilhelmina zu Braunschweig, Germany), Marco Hoffmann (Nokia Siemens Networks GmbH & Co. KG, Germany)	1391
<i>An Analytical Model for Software Defined Networking: A Network Calculus-based Approach</i> Siamak Azodolmolky (GWDG, Germany), Reza Nejabati (University of Bristol, United Kingdom), Maryam Pazouki (GWDG, Germany), Philipp Wieder (GWDG, Germany), Ramin Yahyapour (GWDG - University Göttingen, Germany), Dimitra Simeonidou (University of Bristol, United Kingdom)	1397
<i>A Comparative Study of Content-Centric and Content-Distribution Networks: Performance and Bounds</i> Michele Mangili (Université Paris-Sud, France), Fabio Martignon (Université Paris-Sud, France), Antonio Capone (Politecnico di Milano, Italy)	1403

<i>Understanding Flow Performance in the Wild</i> Muhammad Amir Mehmood (KICS, UET, Lahore, Pakistan), Nadi Sarrar (TU Berlin, Germany), Steve Uhlig (Queen Mary, University of London, United Kingdom), Anja Feldmann (TU-Berlin, Germany)	1410
<i>Content Aware Routing: A Content Oriented Traffic Engineering</i> Hiroki Mihara (Kansai University, Japan), Daiki Imachi (Kansai University, Japan), Miki Yamamoto (Kansai University, Japan), Takashi Miyamura (NTT, Japan), Koji Sasayama (NTT, Japan)	1416

Traffic Analysis and Classification

<i>Multi Class Traffic Analysis of Single and Multi-band Queuing System</i> Husnu S Narman (University of Oklahoma, USA), Md Shohrab Hossain (Bangladesh University of Engineering and Technology, Bangladesh), Mohammed Atiquzzaman (University of Oklahoma, USA)	1422
<i>Congestion versus Accuracy Tradeoffs in IP Traffic Classification</i> Martin Valdez-Vivas (Stanford University, USA), Nicholas Bambos (Stanford University, USA)	1428
<i>Adaptive Spammer Detection at the Source Network</i> Las-Casas Pedro (Universidade Federal de Minas Gerais, Brazil), Jussara M. Almeida (Federal University of Minas Gerais, Brazil), Marcos Gonçalves (UFMG, Brazil), Dorgival Guedes (Universidade Federal de Minas Gerais, Brazil), Artur Ziviani (LNCC, Brazil), Humberto T. Marques-Neto (Pontifical Catholic University of Minas Gerais, Brazil)	1434
<i>Mitigating Congestion-Based Denial of Service Attacks with Active Queue Management</i> Harkeerat Singh Bedi (University of Memphis, USA), Sankardas Roy (Kansas State University, USA), Sajjan Shiva (University of Memphis, USA)	1440
<i>Re-authentication Protocol from WLAN to LTE</i> Salwa Othmen (University of sfax, Tunisia), Faouzi Zarai (Sfax University, Tunisia), Mohammad S. Obaidat (Monmouth University, USA), Aymen Belghith (University of Sfax, Tunisia)	1446

Scheduling

<i>Heterogeneous Traffic Scheduling in Downlink High Speed Railway LTE Systems</i> Wang Ke (Beijing University of Posts and Telecommunications, P.R. China), Xi Li (Beijing University of Posts and Telecommunications, P.R. China), Hong Ji (Beijing University of Posts and Telecommunications, P.R. China), Xiaoliang Zhang (Beijing University of Posts and Telecommunications, P.R. China)	1452
<i>LTE Time-Domain Uplink Scheduler for QoS Provisioning</i> Carlos A. Astudillo (State University of Campinas, Brazil), Juliana Freitag Borin (University of Campinas, Brazil), Nelson L. S. da Fonseca (State University of Campinas, Brazil)	1458
<i>Multi-priority Scheduling Using Network Calculus: Model and Analysis</i> Jun Huang (Chongqing University of Posts and Telecomm, P.R. China), Zi Xiong (Chongqing University of Posts and Telecom, P.R. China), Yanbing Liu (The Chongqing University of Posts and Telcomm, P.R. China), Qiang Duan (The Pennsylvania State University, USA), Yunlong He (Chongqing University of Posts and Telecom, P.R. China), Juan Lv (Chongqing University of Posts and Telecom, P.R. China), Jianyu Wang (Chongqing University of Posts and Telecom, P.R. China)	1464
<i>A Novel Decentralized Asynchronous Scheduler for Hadoop</i> Xiangming Dai (Hong Kong University of Science and Technology, Hong Kong), Brahim Bensaou (The Hong Kong University of Science and Technology, Hong Kong)	1470
<i>An IP cross-layer scheduler for relative QoS support in NGNs</i> Gianmarco Panza (CEFRIEL, Italy), Sara Grilli (CEFRIEL, Italy)	1476

Routing and Resource Allocation

<i>Concurrent MultiPath Routing over Bounded Paths: Minimizing Delay Variance</i> Junghwan Shin (Illinois Institute of Technology, USA), Fabrizio U Devetak (Illinois Institute of Technology, USA), Tricha Anjali (Illinois Institute of Technology, USA), Sanjiv Kapoor (Illinois Institute of Technology, USA)	1483
<i>A robust, adaptive and hierarchical knowledge dissemination architecture</i> Sami Souihi (University Paris Est UPEC, France), Julien Perez (UPEC, University Paris-Est Creteil Val de Marne, France), Said Hoceini (UPEC, University Paris-Est Creteil Val de Marne, France), Abdelhamid Mellouk (UPEC, University Paris-Est Creteil Val de Marne, France)	1489
<i>A Genetic Algorithm Approach to Improve Network Nodes Association</i> Tomé Gomes (Instituto de Telecomunicações, Portugal), Lucas Guardalben (University of Aveiro, Portugal), Paulo Salvador (Instituto de Telecomunicações, DETI, University of Aveiro, Portugal), Susana Sargento (Instituto de Telecomunicações, Universidade de Aveiro, Portugal)	1495
<i>Dynamic Resource Allocation for Credit-based Peer-to-Peer Multimedia Streaming Networks</i> Xin Kang (Institute for Infocomm Research, Singapore), Yongdong Wu (Institute for Infocomm Research, Singapore)	1501
<i>Generalized Multipath Load Sharing Using Vectorized Routing Model</i> Kunpeng Liu (George Mason University, USA), Bijan Jabbari (George Mason University, USA), Stefano Secci (University Pierre et Marie Curie - Paris 6, France)	1507

Network Design Modeling and Optimization I

<i>Link Identifiability in Communication Networks with Two Monitors</i> Liang Ma (Imperial College London, United Kingdom), Ting He (IBM Research, USA), Kin K. Leung (Imperial College, United Kingdom), Ananthram Swami (Army Research Lab., USA), Don Towsley (University of Massachusetts at Amherst, USA)	1513
<i>Network Coding-Based Link Failure Recovery over Large Arbitrary Networks</i> Serhat N Avci (University of California, Irvine, USA), Ender Ayanoglu (University of California, Irvine, USA)	1519
<i>Vulnerability Assessment under Cascading Failures</i> Yilin Shen (University of Florida, USA), My T. Thai (University of Florida, USA)	1526
<i>A Decentralized Algorithm for Network Flow Optimization in Mesh Networks</i> Kiyoshi Nakayama (University of California, Irvine, USA), Toshio Koide (NEC Corporation, Japan)	1532
<i>Sampling-based Smoothed Analysis for Network Algorithm Evaluation</i> Xiaoqi Ren (Tsinghua University, P.R. China), Zhi Liu (Tsinghua University, P.R. China), Yaxuan Qi (Tsinghua University, P.R. China), Jun Li (Tsinghua University, P.R. China), Shanghua Teng (University of Southern California, USA)	1538

Network Design Modeling and Optimization II

<i>Constructing Stochastic Model of TCP Throughput on Basis of Stationarity Analysis</i> Hiroshi Yoshida (NEC Corporation, Japan), Kozo Satoda (NEC Corporation, Japan), Tutomu Murase (NEC Corporation, Japan)	1544
<i>Delay-based TCP Considering the Latency by Data Link Layer of Mobile Broadband Network</i> Tomofumi Koyama (Japan Broadcasting Corporation, Japan), Katsunori Aoki (Japan Broadcasting Corporation, Japan), Yosuke Endo (Japan Broadcasting Corporation, Japan)	1551
<i>Compressive Sensing Network Inference with Multiple-Description Fusion Estimation</i> Mehdi Malboubi (University of California, Davis, USA), Cuong Vu (UC Davis, USA), Chen-Nee Chuah (University of California, Davis, USA), Puneet Sharma (HP Labs Palo Alto, USA)	1557

<i>On the Interplay Between Resource-Management Overhead and Performance in Sensor Networks: An Information Theoretic Approach</i>	
Mahshid Rahnamay-Naeini (University of New Mexico, USA), Nasir Ghani (University of South Florida, USA), Majeed M Hayat (University of New Mexico, USA)	1564
<i>Traffic Prediction for Dynamic Traffic Engineering Considering Traffic Variation</i>	
Tatsuya Otsu (Osaka University, Japan), Yuichi Ohsita (Osaka University, Japan), Masayuki Murata (Osaka University, Japan), Yousuke Takahashi (NTT, Japan), Keisuke Ishibashi (NTT, Japan), Kohei Shiimoto (NTT, Japan)	1570

Performance in Wireless Mobile Networks

<i>Performance Analysis of "On-the-spot" Mobile Data Offloading</i>	
Fidan Mehmeti (EURECOM, France), Thrasyvoulos Spyropoulos (EURECOM, France)	1577
<i>A General Performance Model for MAC Layer Cooperative Retransmission Contention Protocols</i>	
Brett Hagelstein (University of Technology, Sydney, Australia), Mehran Abolhasan (University of Technology Sydney, Australia), Daniel R Franklin (University of Technology, Sydney, Australia), Farzad Safaei (ICT Research Institute, University of Wollongong, Australia)	1584
<i>Performance Analysis of Multistream Spatial Modulation with Maximum-Likelihood Detection</i>	
Konstantinos Ntontin (CTTC, Spain), Marco Di Renzo (French National Center for Scientific Research (CNRS), France), Ana Perez-Neira (UPC, Spain), Christos Verikoukis (Telecommunications Technological Centre of Catalonia, Spain)	1590
<i>Performance of VoLTE and Data Traffic in LTE Heterogeneous Networks</i>	
Ozcan Ozturk (Qualcomm, USA), Madhavan Vajapeyam (Qualcomm Inc., USA)	1595

Optimizing Wireless Mobile Networks

<i>Energy Optimization in Unsynchronized TDD Systems for Joint Uplink Downlink Scheduling</i>	
Nizar Zorba (Qatar University, Qatar), Elias Yaacoub (Qatar Mobility Innovations Center (QMIC), Qatar), Christos Verikoukis (Telecommunications Technological Centre of Catalonia, Spain)	1602
<i>Optimizing the K-out-of-N Rule for Cooperative Spectrum Sensing in Cognitive Radio Networks</i>	
Saud Althunibat (University of Trento, Italy), Marco Di Renzo (French National Center for Scientific Research (CNRS), France), Fabrizio Granelli (University of Trento, Italy)	1607
<i>Wireless Streaming of Interactive Multi-View Video: Network Compression Meets Path Diversity</i>	
Jacob Chakareski (UA, USA)	1612
<i>An Energy Efficient Distributed Coordination Function Using Bidirectional Transmissions and Sleep Periods for IEEE 802.11 WLANs</i>	
Raul Palacios (University of Trento, Italy), Fabrizio Granelli (University of Trento, Italy), Dzmityr Kliazovich (University of Luxembourg, Luxembourg), Luis Alonso (Universidad Politecnica de Catalunya-BarcelonaTECH, Spain), Jesus Alonso-Zarate (Centre Tecnologic de Telecomunicacions de Catalunya - CTTC, Spain)	1619
<i>Time-Distortion Optimized Forward Error Correction for Delay-Sensitive Wireless Multimedia Transmission</i>	
Qin Wang (Nanjing University of Posts and Telecommunications, P.R. China), Wei Wang (South Dakota State University, USA), Shi Jin (Southeast University, P.R. China), Hongbo Zhu (Nanjing University of Posts and Telecommunications, P.R. China)	1626

GC13 CSSM: Globecom 2013 - Communications Software, Services and Multimedia Symposium

Multimedia Communications

<i>DAS: A Dynamic Assignment Scheduling Algorithm for Stream Computing in Distributed Applications</i> Kun Wang (Nanjing University of Posts and Telecommunications, P.R. China), Yu Yue (Nanjing University of Posts and Telecommunications, P.R. China), Bo Liu (Shanghai Jiao Tong University, P.R. China)	1632
<i>Viewpoint-Popularity-Driven Uplink Scheduling of Multi-Camera Sensor Arrays</i> Jacob Chakareski (UA, USA)	1638
<i>A Distributed Online Algorithm for Optimal Real-time Energy Distribution in Smart Grid</i> Yu Wang (Auburn University, USA), Shiwen Mao (Auburn University, USA), Mark Nelms (Co-Chair, USA)	1644
<i>Design and Impact of Data Caps</i> Wei Dai (University of California, Irvine, USA), Scott Jordan (University of California, Irvine, USA)	1650
<i>Game Theoretical Bandwidth Request Allocation Strategy in P2P streaming System</i> Jiang Zhou (University of Electronic Science and Technology of China, P.R. China), Zhuo Chen (Chongqing University of Technology, P.R. China), Gang Feng (University of Electronic Science and Technology of China, P.R. China)	1657

Communications Software

<i>An Efficient CQI Feedback Resource Allocation Scheme for Wireless Video Multicast Services</i> Xiang Chen (University of Washington, USA), Jenq-Neng Hwang (University of Washington, USA), Chung-Nan Lee (University of Yat-sen, Taiwan), Chih-Wei Huang (National Central University, Taiwan)	1663
<i>Deep Space Communication Relay Services under Energy Constraint with Optimal Power Control</i> Chunqiu Wang (South Dakota State University, USA), Wei Wang (South Dakota State University, USA), Kazem Sohraby (South Dakota School of Mines and Technology, USA), Yanxiao Zhao (South Dakota School of Mines and Technology, USA), James Dudek (Oglala Lakota College, USA)	1669
<i>Link Aware HTTP Adaptive Streaming for Enhanced Quality of Experience</i> Vishwanath Ramamurthi (Intel Corporation, USA), Ozgur Oyman (Intel Corporation, USA)	1675
<i>Perceptual Experience Oriented Transmission Scheduling for Scalable Video Streaming over Cognitive Radio Networks</i> Ruixiao Yao (Institute of Acoustics, Chinese Academy of Sciences, P.R. China), Yanwei Liu (Institute of Acoustics, Chinese Academy of Sciences, P.R. China), Jinxia Liu (Zhejiang Wanli University, P.R. China), Pinghua Zhao (Institute of Acoustics, Chinese Academy of Sciences, P.R. China), Song Ci (University of Nebraska-Lincoln, USA)	1681
<i>Modeling the Hybrid Temporal and Spatial Resolutions Effect for Web Video Quality Evaluation</i> Chao Chen (Institute of Computing Technology, P.R. China), Wen Ji (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Min Chen (Huazhong University of Science and Technology, P.R. China), Yiqiang Chen (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)	1687

Multimedia Service

- CALMTV: A Cluster Based Application Layer Multicast Architecture for IPTV*
Merve Ozkardes (Middle East Technical University, Turkey), Senan Ece Schmidt (Middle East Technical University, Turkey) 1693
- FEDCVS: A Fair and Efficient Scheduling Scheme for Dynamic Cooperative Video Streaming on Smartphones*
Chao Huang (Chinese Academy of Sciences, P.R. China), Anfu Zhou (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Min Liu (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Jinsong Lan (Computer Network Information Center, Chinese Academy of Science, P.R. China), Zhongcheng Li (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China) 1699
- Incentive Mechanism for Collaborative Smartphone Sensing using Overlapping Coalition Formation Games*
Boya Di (Peking University, P.R. China), Tianyu Wang (Peking University, P.R. China), Lingyang Song (Peking University, P.R. China), Zhu Han (University of Houston, USA) 1705
- Performance Evaluation of an Enhanced Cryptography Solution for m-Health Applications in Cooperative Environments*
Fábio Canelo (Instituto de Telecomunicações, University of Beira Interior, Portugal), Bruno Silva (Instituto de Telecomunicações, University of Beira Interior, Portugal), Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal), Zuqing Zhu (University of Science and Technology of China, P.R. China) 1711

Multimedia Networking

- An Incentive Scheme Based on Heterogeneous Belief Values for Crowd Sensing in Mobile Social Networks*
Jiajun Sun (Beijing University of Posts and Telecommunications, P.R. China), Huadong Ma (Beijing University of Posts and Telecommunications, P.R. China) 1717
- A Low Latency Scheduling Approach for High Definition Video Streaming over Heterogeneous Wireless Networks*
Jiyan Wu (Beijing University of Posts and Telecommunications, P.R. China), Jingqi Yang (Beijing University of Posts and Telecommunications, P.R. China), Xiaokun Wu (Beijing University of Posts & Telecommunications, P.R. China), Junliang Chen (Beijing University of Posts and Telecommunications, Taiwan) 1723
- Data Scheduling Algorithm for Layered P2P VoD Streaming Networks*
Zheng Wen (The University of Hong Kong, Hong Kong), Kwan Yeung (University of Hong Kong, Hong Kong), Zhibin Lei (Hong Kong Applied Science and Technology Research Institute Company Limited, Hong Kong) 1730
- Video Quality-Maximizing Resource Allocation and Scheduling with Statistical Delay Guarantees*
Amin Abdel Khalek (The University of Texas at Austin, USA), Constantine Caramanis (The University of Texas at Austin, USA), Robert Heath (The University of Texas at Austin, USA) 1736

Multimedia Computing

- Power-Efficient Collaborative Distribution of Social Videos over Wireless Community Cloud*
Jian He (Sun Yat-Sen University, P.R. China), Yonggang Wen (Nanyang Technological University, Singapore), Di Wu (Sun Yat-Sen University, P.R. China) 1741
- Minimizing Monetary Cost via Cloud Clone Migration in Multi-screen Cloud Social TV System*
Yichao Jin (Nanyang Technological University, Singapore), Yonggang Wen (Nanyang Technological University, Singapore), Han Hu (National University of Singapore, Singapore) 1747
- Bellini: Ferrying Application Traffic Flows through Geo-distributed Datacenters in the Cloud*
Zimu Liu (University of Toronto, Canada), Yuan Feng (The Hong Kong Polytechnic University, Hong Kong), Baochun Li (University of Toronto, Canada) 1753

<i>A High Performance Network Architecture for Large-scale Cloud Media Data Centers</i> Yantao Sun (Beijing Jiaotong University, P.R. China), Min Chen (Huazhong University of Science and Technology, P.R. China), Qiang Liu (Beijing Jiaotong University, P.R. China), Jing Cheng (Beijing Jiaotong University, P.R. China)	1760
<i>Fingerprinting Data Fusion for NTRIP Streaming Availability</i> Filippo Basso (Instituto de Telecomunicações, University of Beira Interior, Portugal), Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal), Jaime Lloret (Universidad Politécnica de Valencia, Spain)	1767

GC13 CT: Globecom 2013 - Communication Theory Symposium

Interference Management

<i>Selection Diversity for Interference Alignment Systems</i> Liangbin Li (University of California, Irvine, USA), Hamid Jafarkhani (University of California, Irvine, USA), Syed Ali Jafar (University of California Irvine, USA)	1773
<i>Interference Management Schemes with General Order Statistics and Interference Constraint for Multi-User Cooperative Wireless Networks</i> Aymen Omri (Qatar University, Qatar), Mazen Omar Hasna (Qatar University, Qatar)	1779
<i>Interference Alignment with Diversity for the 2x2 X Network with four antennas</i> Abhinav Ganesan (Indian Institute of Science, Bangalore, India), B. Sundar Rajan (Indian Institute of Science, India)	1785
<i>Degrees of Freedom Region of Three-user MIMO Interference Channels</i> Lu Yang (University of New South Wales, Australia), Wei Zhang (The University of New South Wales, Australia), Syed Ali Jafar (University of California Irvine, USA)	1791
<i>Designing Interference Alignment Algorithms by Algebraic Geometry Analysis</i> Liangzhong Ruan (Massachusetts Institute of Technology, USA), Moe Win (Massachusetts Institute of Technology, USA), Vincent Lau (Hong Kong University of Science and Technology, Hong Kong)	1796

Synchronization and Channel Estimation

<i>Maximum Likelihood Synchronization of Burst-Mode CPM</i> Ehsan Hosseini (University of Kansas, USA), Erik S. Perrins (University of Kansas, USA)	1802
<i>Optimal Channel Probing in Communication Systems: The Two-Channel Case</i> Matthew Johnston (Massachusetts Institute of Technology, USA), Eytan Modiano (MIT, USA)	1808
<i>Biological Cluster Identification for Ultra-wideband Multipath Propagations</i> Bin Li (Beijing University of Posts and Telecommunications, P.R. China), Zheng Zhou (Beijing University of Posts and Telecommunications, P.R. China), Chenglin Zhao (Beijing University of Posts and Telecommunications, P.R. China), Arumugam Nallanathan (King's College London, United Kingdom)	1814
<i>A Signal Constellation for Pilotless Communications Over Wiener Phase Noise Channels</i> Shachar Shayovitz (University of Tel Aviv, Israel), Dan Raphaeli (Tel Aviv University, Israel)	1820
<i>Device-to-Device Modeling and Analysis with a Modified Matern Hardcore BS Location Model</i> Qiaoyang Ye (The University of Texas at Austin, USA), Mazin Al-Shalash (Huawei, USA), Constantine Caramanis (The University of Texas at Austin, USA), Jeffrey Andrews (The University of Texas at Austin, USA)	1825

Physical Layer Security

<i>Secrecy Wireless Information and Power Transfer with MISO Beamforming</i> Liang Liu (National University of Singapore, Singapore), Rui Zhang (National University of Singapore, Singapore), Kee Chaing Chua (National University of Singapore, Singapore)	1831
<i>Optimal Spectrum Partition and Mode Selection in Device-to-Device Overlaid Cellular Networks</i> Xingqin Lin (The University of Texas at Austin, USA), Jeffrey Andrews (The University of Texas at Austin, USA)	1837
<i>Jamming Countermeasures for Multi-User MISO Broadcast Channels - a DoF perspective</i> SaiDhiraj Amuru (Virginia Tech, USA), Ravi Tandon (Virginia Tech, USA), Michael Buehrer (Virginia Tech, USA), T. Charles Clancy (Virginia Tech, USA)	1843
<i>Secret Key Agreement under an Active Attack in MU-TDD Systems with Large Antenna Arrays</i> Sanghun Im (KAIST, Korea), Hyoungsuk Jeon (Korea Advanced Institute of Science and Technology, Korea), Jinho Choi (Gwangju Institute of Science and Technology (GIST), Korea), Jeongseok Ha (KAIST, Korea)	1849
<i>Detecting Substitution Attacks Against Non-colluding Relays</i> Ruohan Cao (Beijing University of Posts and Telecommunications, P.R. China), Eric Graves (University of Florida, USA), Tan Wong (University of Florida, USA), Tiejun Lv (Beijing University of Posts and Telecommunications, P.R. China)	1856

Coding Theory

<i>Non-Uniform Windowed Decoding Schedules for Spatially Coupled Codes</i> Najeeb Ul Hassan (Dresden University of Technology, Germany), Ali E. Pusane (Bogazici University, Turkey), Michael Lentmaier (Lund University, Sweden), Gerhard Fettweis (Technische Universität Dresden, Germany), Daniel J. Costello, Jr. (University of Notre Dame, USA)	1862
<i>Cooperative Decoder Design for Non-binary LDPC Code with Coefficients Selection</i> Yang Yu (Shanghai Jiaotong University, P.R. China), Wen Chen (Shanghai Jiao Tong University, P.R. China), Jun Li (University of Sydney, Australia), Benoît Geller (ENSTA, France)	1868
<i>Informed Dynamic Scheduling for Majority-Logic Decoding of Non-Binary LDPC Codes</i> Nanfan Qiu (Shanghai Jiao Tong University, P.R. China), Wen Chen (Shanghai Jiao Tong University, P.R. China), Yichao Lu (Waseda University, Graduate School of Information, Production and Systems, Japan), Yang Yu (Shanghai Jiaotong University, P.R. China)	1874
<i>Min-Sum-based decoders running on noisy hardware</i> Christiane Kameni Ngassa (CEA-LETI, France), Valentin Savin (CEA LETI, France), David Declercq (ETIS lab. ENSEA/Cergy University/CNRS UMR, France)	1879
<i>A Simple Root-Like Bit Mapping to Improve the Performance of LDPC-Coded QAM Systems</i> Fernanda Smith (Federal University of Pará, Brazil), Evaldo Pelaes (Federal University of Pará, Brazil), Bartolomeu F. Uchôa-Filho (Federal University of Santa Catarina, Brazil)	1885

Topics in Communication Theory (Interactive Session)

<i>Exact Bayes' Theorem Based Probabilistic Data Association for Iterative MIMO Detection and Decoding</i> Shaoshi Yang (University of Southampton, United Kingdom), Lajos Hanzo (University of Southampton, United Kingdom)	1891
<i>Multi-sample Receivers Increase Information Rates for Wiener Phase Noise Channels</i> Hassan Ghozlan (University of Southern California, USA), Gerhard Kramer (Technische Universität München, Germany)	1897

<i>Expected Rate of Slow-fading Channel with Partial CSIT under Computational and Transmit Power Constraints</i>	
Jialin He (Southern Methodist University, USA), Dinesh Rajan (Southern Methodist University, USA)	1903
<i>On the Degrees of Freedom of Two-hop MISO Broadcast Networks with Mixed CSIT</i>	
Zhao Wang (Royal Institute of Technology (KTH), Sweden), Ming Xiao (Royal Institute of Technology, Sweden), Chao Wang (Tongji University, P.R. China), Mikael Skoglund (KTH Royal Institute of Technology, Sweden)	1909
<i>Dynamic Resource Allocation in Heterogeneous Networks</i>	
Tania Villa (EURECOM, France), Ruben Merz (Swisscom, Group Strategy & Innovation, Switzerland), Raymond Knopp (Institut Eurecom, France)	1915

Relay Channels

<i>Threshold-Based Transmissions for Large Relay Networks Powered by Renewable Energy</i>	
Chuan Huang (Arizona State University, USA), Junshan Zhang (Arizona State University, USA), Ping Zhang (Wireless Technology Innovation Lab, Beijing University of Posts and Telecommunications, P.R. China), Shuguang Cui (Texas A&M University, USA)	1921
<i>Distributed Switch-and-Stay Combining in Cognitive Relay Networks under Spectrum Sharing Constraints</i>	
Vo Nguyen Quoc Bao (Posts and Telecommunications Institute of Technology, Vietnam), Trung Q. Duong (Queen's University Belfast, United Kingdom), Arumugam Nallanathan (King's College London, United Kingdom), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece)	1927
<i>Adaptive Mode Selection and Power Allocation in Bidirectional Buffer-aided Relay Networks</i>	
Vahid Jamali (Friedrich-Alexander-University Erlangen-Nürnberg, Germany), Nikola Zlatanov (University of British Columbia, Canada), Aissa Ikhlef (Toshiba Research Europe Limited, United Kingdom), Robert Schober (University of British Columbia, Canada)	1933
<i>Relay Selection Scheme with Adaptive Cyclic Prefix for Cooperative Amplify-and-Forward Relay</i>	
Xin Gao (University of Western Ontario, Canada), Xianbin Wang (The University of Western Ontario, Canada), Yulong Zou (Nanjing University of Posts and Telecommunications, P.R. China)	1939
<i>Outage Capacity of Opportunistic Beamforming with Random User Locations</i>	
Tharaka Samarasinghe (Monash University, Australia), Hazer Inaltekin (Antalya International University, Turkey), Jamie Evans (Monash University, Australia)	1944

MIMO Systems

<i>ZF Receive Filtering for Precoded MIMO Systems</i>	
Ahmed Hesham Mehana (Samsung Telecom America, USA), Aria Nosratinia (University of Texas, Dallas, USA)	1950
<i>Cognitive MIMO Relaying with Multiple Primary Transceivers</i>	
Phee Lep Yeoh (University of Melbourne, Australia), Maged ElKashlan (Queen Mary, University of London, United Kingdom), Kyeong Jin Kim (Mitsubishi Electric Research Laboratories (MERL), USA), Trung Q. Duong (Queen's University Belfast, United Kingdom), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece)	1956
<i>Sparse Beamforming for Limited-Backhaul Network MIMO System via Reweighted Power Minimization</i>	
Binbin Dai (University of Toronto, Canada), Wei Yu (University of Toronto, Canada)	1962
<i>Degrees of Freedom of MIMO Cellular Networks: Two-Cell Three-User-Per-Cell Case</i>	
Gokul Sridharan (University of Toronto, Canada), Wei Yu (University of Toronto, Canada)	1968
<i>Performance of MMSE MIMO Receivers in Frequency-Selective Channels</i>	
Ahmed Hesham Mehana (Samsung Telecom America, USA), Aria Nosratinia (University of Texas, Dallas, USA)	1974

Network Coding

<i>Linear Fractional Network Coding and Representable Discrete Polymatroids</i> Vijayaradharaj T. Muralidharan (Indian Institute of Science, India), B. Sundar Rajan (Indian Institute of Science, India)	1979
<i>Degrees of Freedom of the Two-way Interference Channel with a Non causal Multi-antenna Relay</i> Zhiyu Cheng (University of Illinois at Chicago, USA), Natasha Devroye (University of Illinois at Chicago, USA)	1985
<i>Reliability of All-to-all Broadcast with Network Coding</i> Li Ma (University of Sydney, Australia), Zihuai Lin (University of Sydney, Australia), Zijie Zhang (University of Sydney, Australia), Guoqiang Mao (The University of Technology, Sydney, Australia), Branka Vucetic (The University of Sydney, Australia)	1991
<i>Wireless Network Coding with Physical-layer Security</i> Liang Chen (University of Maryland, College Park, USA)	1997
<i>On the Throughput of Two-Way Relay Systems under Queueing Constraints</i> Yi Li (Syracuse University, USA), Deli Qiao (Huawei Technologies, Inc., P.R. China), M. Cenk Gursoy (Syracuse University, USA), Senem Velipasalar (Syracuse University, USA)	2003

Cooperative Communications

<i>Optimal, Distributed, Timer-Based Best Two Relay Discovery Scheme for Cooperative Systems</i> Joyson Sebastian (Indian Institute of Science, India), Neelesh B. Mehta (Indian Institute of Science, India)	2009
<i>Analyzing the Reduced Required BS Density due to CoMP in Cellular Networks</i> S. Alireza Banani (University of Toronto, Canada), Raviraj Adve (University of Toronto, Canada)	2015
<i>Coordinated Resource Allocation over Heterogeneous Wireless Networks</i> Narayan Prasad (NEC Labs America, Princeton, USA), Guosen Yue (NEC Laboratories America, Inc., USA), Sampath Rangarajan (NEC Labs America, USA)	2020
<i>Throughput Optimal Communication Strategy for Wireless Random Access Channel</i> Harpreet S Dhillon (University of Southern California, USA), Howard Huang (Alcatel-Lucent, USA), Harish Viswanathan (Bell Labs, Alcatel-Lucent, USA), Reinaldo Valenzuela (Lucent Technologies, USA)	2026
<i>Successive Interference Cancellation in Multiuser Relaying with Fast Frequency-Hopping Modulation</i> Tung Nguyen (University of Saskatchewan, Canada), Ha Nguyen (University of Saskatchewan, Canada), Tho Le-Ngoc (McGill University, Canada)	2032

Performance Analysis

<i>Peak Power and Interference Outage Probability Constrained Optimal Transmission Policy for Underlay Cognitive Radios</i> Salil Kashyap (Indian Institute of Science, India), Neelesh B. Mehta (Indian Institute of Science, India)	2039
<i>Optimizing User Association and Frequency Reuse for Heterogeneous Network under Stochastic Model</i> Yicheng Lin (University of Toronto, Canada), Wei Yu (University of Toronto, Canada)	2045
<i>Average Fade Duration for Amplify-and-Forward Relay Networks in Log-Normal Fading</i> Francisco Javier Lopez-Martinez (Stanford University, USA), Ernest Kurniawan (Institute for Infocomm Research, Singapore), Andrea Goldsmith (Stanford University, USA)	2051

<i>Discrete Location-Dependent Power Control in Wireless Clustered Ad Hoc Networks</i> Beiyu Rong (Marvell Semiconductor, Inc, USA), Chun-Hung Liu (National Chiao Tung University, Taiwan), Shuguang Cui (Texas A&M University, USA)	2057
<i>Performance Analysis of Incremental Redundancy Type Hybrid ARQ for Finite-length Packets in AWGN Channel</i> Seong Hwan Kim (McGill University, Canada), Dan Keun Sung (Korea Advanced Institute of Science and Technology, Korea), Tho Le-Ngoc (McGill University, Canada)	2063

GC13 NGN: Globecom 2013 - Next Generation Networking Symposium

Forwarding Design for Next Generation Network

<i>MobiCCN: Mobility Support with Greedy Routing in Content-Centric Networks</i> Liang Wang (University of Helsinki, Finland), Otto Waltari (University of Helsinki, Finland), Jussi Kangasharju (University of Helsinki, Finland)	2069
<i>Fast Rerouting for IP Multicast Under Single Node Failures</i> Aditya Sundarajan (University of Massachusetts, Amherst, USA), Srinivasan Ramasubramanian (University of Arizona, USA)	2076
<i>An Inter-AS Address Space (Re) Allocation Planning Scheme in Hierarchical and Automatic Number Allocation</i> Kenji Fujikawa (National Institute of Information and Communications Technology, Japan), Sugang Xu (National Institute of Information and Communications Technology, Japan), Hiroaki Harai (National Institute of Information and Communications Technology, Japan)	2082
<i>Temporal Logic-based Reasoning About iBGP Multipath Dissemination</i> Feng Wang (Liberty University, USA)	2089
<i>100+ Gbps IPv6 Packet Forwarding on Multi-Core Platforms</i> Thilan Ganegedara (University of Southern California, USA), Viktor K. Prasanna (University of Southern California, USA)	2096

Content Centric Network Design

<i>Hop-based Probabilistic Caching for Information-Centric Networks</i> Yu Wang (Tsinghua University, P.R. China), Mingwei Xu (Tsinghua University, P.R. China), Zhen Feng (Tsinghua University, P.R. China)	2102
<i>On the Interplay among Naming, Content Validity and Caching in Information Centric Networks</i> Andrea Detti (University of Rome "Tor Vergata", Italy), Alberto Caponi (University of Rome "Tor Vergata", Italy), Giuseppe Tropea (University of Roma - Tor Vergata, Italy), Giuseppe Bianchi (University of Rome "Tor Vergata", Italy), Nicola Blefari-Melazzi (University of Rome "Tor Vergata", Italy)	2108
<i>Cache Capacity-aware CCN: Selective Caching and Cache-aware Routing</i> Sung-Won Lee (LIG Nex1, Korea), Dabin Kim (Ajou University, Korea), Young-Bae Ko (Ajou University, Korea), JaeHoon Kim (Samsung Electronics, Korea), Myeong-Wuk Jang (Samsung Advanced Institute of Technology, Korea)	2114
<i>PIT and Cache Dynamics in CCN</i> Ahmed W Kazi (Stony Brook University, USA), Hussein Badr (Stony Brook University, USA)	2120
<i>An Architecture for Cache Consistency Support in Information Centric networking</i> Zhen Feng (Tsinghua University, P.R. China), Mingwei Xu (Tsinghua University, P.R. China), Yu Wang (Tsinghua University, P.R. China), Qing Li (Graduate School at Shenzhen, Tsinghua University, P.R. China)	2126

Next Generation Network Design I

<i>ContentFlow: Adding Content Primitives to Software Defined Networks</i> Abhishek Chanda (WINLAB, Rutgers University, USA), Cedric Westphal (Huawei Innovation Center, USA)	2132
<i>EPS: Encounter-Based Privacy-Preserving Scheme for Location-Based Services</i> Ben Niu (Xidian University, P.R. China), Xiaoyan Zhu (Xidian University, P.R. China), Xiaosan Lei (Xidian University, P.R. China), Weidong Zhang (Xidian University, P.R. China), Hui Li (Xidian University, P.R. China)	2139
<i>Securing the LISP Map Registration Process</i> Diego Montero (Technical University of Catalonia (UPC), Spain), Muhammad Shuaib Siddiqui (Universitat Politècnica de Catalunya, Spain), René Serral-Gracià (Technical University of Catalunya (UPC), Spain), Xavier Masip-Bruin (Universitat Politècnica de Catalunya, Spain), Marcelo Yannuzzi (Technical University of Catalonia (UPC), Spain)	2145
<i>NDNBench: A Benchmark for Named Data Networking Lookup</i> Ting Zhang (Tsinghua University, P.R. China), Yi Wang (Tsinghua University, P.R. China), Tong Yang (Tsinghua University, P.R. China), Jianyuan Lu (Tsinghua University, P.R. China), Bin Liu (Tsinghua University, P.R. China)	2152
<i>Self Assembly Caching with Dynamic Request Routing for Information-Centric Networking</i> Yang Li (Institute of Acoustics, Chinese Academy of Sciences, P.R. China), Yuemei Xu (Institute of Acoustics, Chinese Academy of Sciences, High Performance Network Laboratory, P.R. China), Tao Lin (Institute of Acoustics, Chinese Academy of Sciences, P.R. China), Guoqiang Zhang (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Yinlong Liu (Institute of Acoustics, Chinese Academy of Sciences, P.R. China), Song Ci (University of Nebraska-Lincoln, USA)	2158

Next Generation Network Design II

<i>Robustness of Interdependent Networks: The case of communication networks and the power grid</i> Marzieh Parandehgheibi (Massachusetts Institute of Technology (MIT), USA), Eytan Modiano (MIT, USA)	2164
<i>Dynamic p-Cycle Configuration in Spectrum-Sliced Elastic Optical Networks</i> Fan Ji (University of Science and Technology of China, P.R. China), Xiaoliang Chen (University of Science and Technology of China, P.R. China), Wei Lu (University of Science and Technology of China, P.R. China), Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal), Zuqing Zhu (University of Science and Technology of China, P.R. China)	2170
<i>A Transparent Solution for Legacy Applications between Heterogeneous Networks</i> Dujuan Gu (University of Chinese Academy of Sciences, P.R. China), Xiaohan Liu (Chinese Academy of Sciences, P.R. China), Chao Wu (University of Chinese Academy of Science, P.R. China), Gang Qin (Computer Network Information Center, P.R. China), Ze Luo (CNIC, P.R. China), Baoping Yan (Computer Network Information Center, P.R. China)	2176
<i>Impact of Popularity Evolution on P2P-Based VoD Delivery over Next-Generation Optical Access Networks</i> Emanuele Di Pascale (CTVR - Trinity College Dublin, Ireland), David B Payne (Trinity College Dublin, United Kingdom), Marco Ruffini (CTVR, Trinity College Dublin, Ireland)	2182
<i>Resilience of SDNs Based On Active and Passive Replication Mechanisms</i> Paulo Fonseca (Universidade Federal do Amazonas, Brazil), Ricardo Bennesby (Universidade Federal do Amazonas, Brazil), Edjard S. Mota (Federal University of Amazonas, Brazil), Alexandre Passito (Federal University of Amazonas, Brazil)	2188

Next Generation Wireless Network Design

<i>Novel Resource Allocation Scheme in Direct LTEA Communication</i> Shahid Mumtaz (Instituto de Telecomunicações, Portugal), Jonathan Rodriguez (Instituto de Telecomunicações, Portugal), Du Yang (Institution of Telecommunications, Portugal), Ayman Radwan (Instituto de Telecomunicações, Portugal)	2194
<i>Virtual HetNet: A Backhaul Free Pico Cell Implementation Solution</i> Yinggang Du (Huawei Technologies Sweden AB, Sweden), Sheng Liu (Huawei Technologies Co. Ltd, P.R. China)	2199
<i>Empowering Software Defined Wireless Networks Through Media Independent Handover Management</i> Carlos Eduardo Magalhães Guimarães (Instituto de Telecomunicações - Pólo de Aveiro, Portugal), Daniel Corujo (Instituto de Telecomunicações Aveiro, Portugal), Rui L Aguiar (University of Aveiro, Portugal), Flavio de Oliveira Silva (Universidade Federal de Uberlândia, Brazil), Pedro Frosi Rosa (Federal University of Uberlândia, Brazil)	2204
<i>Toward Distributed Intelligent: A Case Study of Peer to Peer Communication in Smart Grid</i> Mingkui Wei (North Carolina State University, USA), Wenye Wang (NC State University, USA)	2210
<i>A Link Adaptive Scheme for Multihop Cellular Systems using Congestion Feedback</i> Syed A Ahmad (Virginia Tech, USA), Luiz A. DaSilva (Virginia Polytechnic Institute and State University, Ireland)	2217

Next Generation Network Management

<i>Efficient Joint Bandwidth and Cache Leasing in Information Centric Networks</i> Michele Mangili (Université Paris-Sud, France), Fabio Martignon (Université Paris-Sud, France), Stefano Paris (Université Paris Descartes - Sorbonne Paris Cité, France), Antonio Capone (Politecnico di Milano, Italy)	2223
<i>Particle Swarm Optimization of Network Migration Planning</i> Stefan Türk (Dresden University of Technology, Germany), Xiaoyan Liu (Technical University Dresden, Germany), Rico Radeke (Technische Universität Dresden, Germany), Ralf J. Lehnert (Technische Universität Dresden (Dresden University of Technology, Germany)	2230
<i>Overlay Network Placement for Diagnosability</i> Mehmet Demirci (Georgia Institute of Technology, USA), Fida Gillani (UNC Charlotte, USA), Mostafa Ammar (Georgia Institute of Technology, USA), Ehab Al-Shaer (University of North Carolina Charlotte, USA)	2236
<i>A Flow Aggregation Method for the Scalable and Efficient Quality of Service Support in Next Generation Networks</i> Mustafa Sanlı (Aselsan Inc, Turkey), Senan Ece Schmidt (Middle East Technical University, Turkey), Hasan Cengiz Güran (Middle East Technical University, Turkey)	2243
<i>A Mashup Ecosystem for Network Management Situations</i> Oscar Mauricio Caicedo Rendon (University Federal of Rio Grande do Sul, Colombia), Carlos Felipe Estrada-Solano (University of Cauca, Colombia), Lisandro Z Granville (Federal University of Rio Grande do Sul, Brazil)	2249

Next Generation Protocol Design

<i>Cascaded TCP: Applying Pipelining to TCP for Efficient Communication over Wide-Area Networks</i> Umar Kalim (Virginia Tech, USA), Mark K. Gardner (Virginia Tech, USA), Eric Brown (Virginia Tech, USA), Wu-chun Feng (Virginia Tech, USA)	2256
<i>Not So Cooperative Caching in Named Data Networking</i> Xiaoyan Hu (Southeast University, P.R. China), Christos Papadopoulos (Colorado State University, USA), Jian Gong (Southeast University, P.R. China), Daniel Massey (US Department of Homeland Security, USA)	2263

<i>Accelerated Backpressure Algorithm</i>	
Michael Zargham (University of Pennsylvania, USA), Alejandro Ribeiro (University of Pennsylvania, USA), Ali Jadbabaie (University of Pennsylvania, USA)	2269
<i>Playout Buffer Responsive Wireless Streaming for Multiple Clients</i>	
Praveen Bommannavar (Stanford University, USA), John Apostolopoulos (Cisco Systems, USA), Nicholas Bambos (Stanford University, USA)	2276
<i>The Delayed ACK Evolution in MPTCP</i>	
Ming Li (Aalto University, Finland), Andrey Lukyanenko (Aalto University, Finland), Sasu Tarkoma (University of Helsinki, Finland), Antti Ylä-Jääski (Aalto University, Finland)	2282

Cloud Computing and Virtual Network Design

<i>Performance of an IaaS Cloud with Live Migration of Virtual Machines</i>	
Hamzeh Khazaei (IBM, Canada), Jelena Mišić (Ryerson University, Canada), Vojislav B. Mišić (Ryerson University, Canada)	2289
<i>Revenue-Driven Virtual Network Embedding Based on Global Resource Information</i>	
Long Gong (University of Science and Technology of China, P.R. China), Yonggang Wen (Nanyang Technological University, Singapore), Zuqing Zhu (University of Science and Technology of China, P.R. China), Tony Lee (SJTU, P.R. China)	2294
<i>VNR-GA: Elastic Virtual Network Reconfiguration Algorithm Based on Genetic Metaheuristic</i>	
Boutheina Dab (UPMC - University of Paris 6, France), Ilhem Fajjari (Virtuor, France), Nadjib Aitsaadi (LiSSI - University of Paris-Est Creteil (UPEC), France), Guy Pujolle (University Pierre et Marie Curie - Paris 6, France)	2300
<i>Breaking the Atomicity of Virtual Network Embedding</i>	
Kaiyuan Wen (Nanjing University, P.R. China), Zhuzhong Qian (Nanjing University, P.R. China), Sanglu Lu (Nanjing University, P.R. China)	2307
<i>Improving Bandwidth Efficiency and Fairness in Cloud Computing</i>	
Xiang Sun (725 Jersey Street, USA), Nirwan Ansari (NJIT, USA)	2313

GC13 ONS: Globecom 2013 - Optical Networks and Systems Symposium

Traffic Engineering and Control for Optical Networks

<i>Hierarchical Traffic Grooming Formulations</i>	
Hui Wang (NCSU, USA), George N. Rouskas (North Carolina State University, USA)	2319
<i>Dynamic Grooming, Routing, and Wavelength Assignment for Real-time Optical Networks</i>	
Xu Wang (University of Virginia, USA), Maite Brandt-Pearce (University of Virginia, USA), Suresh Subramaniam (The George Washington University, USA)	2325
<i>Sub-Millisecond Dynamic Optical Path Setup in DWDM Multi-Mode Switching Networks</i>	
Wenhao Chen (University of Houston, USA), Lei Wang (University of Houston, USA), Dmitriy Chenchykov (University of Houston, USA), Linsen Wu (University of Houston, USA), Yuhua Chen (University of Houston, USA)	2332
<i>A Necessary and Sufficient Condition for SDL Constructions of Optical FIFO Queues</i>	
Jay Cheng (National Tsing Hua University, Taiwan), Hsin-Hung Chou (National Tsing Hua University, Taiwan), Chih-Heng Cheng (National Tsing Hua University, Taiwan)	2339

Elastic and Virtual Optical Networks

<i>Design Integrated RSA for Multicast in Elastic Optical Networks with a Layered Approach</i> Xiahe Liu (University of Science and Technology of China, P.R. China), Long Gong (University of Science and Technology of China, P.R. China), Zuqing Zhu (University of Science and Technology of China, P.R. China)	2346
<i>Minimize Sub-carrier Reallocation in Elastic Optical Path Networks using Traffic Prediction</i> Sunny Shakya (Georgia State University, USA), Yang Wang (La Salle University, USA), Xiaojun Cao (Georgia State University, USA), Zilong Ye (SUNY-Buffalo, USA), Chunming Qiao (State University of New York at Buffalo, USA)	2352
<i>Cost-Optimized Design of Flexible-Grid Optical Networks Considering Regenerator Site Selection</i> Weisheng Xie (University of Texas at Dallas, USA), Jason P. Jue (University of Texas at Dallas, USA), Xi Wang (Fujitsu Laboratories of America, USA), Qiong Zhang (Fujitsu Laboratories of America, USA), Qingya She (Fujitsu Network Communications, USA), Paparao Palacharla (FLA, USA), Motoyoshi Sekiya (Fujitsu Laboratories of America, Inc., USA)	2358
<i>Next-Generation Long-Haul Optical Links: Higher Spectral Efficiency through Time-Frequency Packing</i> Giulio Colavolpe (University of Parma, Italy), Tommaso Foggi (CNIT Research Unit, Italy)	2364
<i>Connecting the Clouds with Low-Latency, Low-Cost Virtual Private Lines Enabled by Sliceable Optical Networks</i> Shuqiang Zhang (University of California, Davis, USA), Rui Wang (University of California, Davis, USA), Uttam Mandal (University of California, Davis, USA), M. Farhan Habib (University of California, Davis, USA), Biswanath Mukherjee (University of California, Davis, USA)	2370

Coding and Modulation for Optical Networks

<i>Iterative Hard-Decision Decoding of Braided BCH Codes for High-Speed Optical Communication</i> Yung-Yih Jian (Texas A&M University, USA), Henry D Pfister (Texas A&M University, USA), Krishna Narayanan (Texas A&M University, USA), Raghu Rao (Xilinx, USA), Raied Mazahreh (Xilinx, USA)	2376
<i>A Novel Network Coded Parallel Transmission Framework for High-Speed Ethernet</i> Xiaomin Chen (Technische Universität Carolo-Wilhelmina zu Braunschweig, Germany), Admela Jukan (Technische Universität Carolo-Wilhelmina zu Braunschweig, Germany), Muriel Médard (MIT, USA)	2382
<i>Joint Detection of Multiple Orbital Angular Momentum Optical Modes</i> Mohammed Alfowzan (University of Arizona, USA), Jaime A. Anguita (Universidad de los Andes - Chile, Chile), Bane Vasić (University of Arizona, USA)	2388
<i>Model-Centric Nonlinear Equalizer for Coherent Long-Haul Fiber-Optic Communication Systems</i> Houbing Song (West Virginia University, USA), Maite Brandt-Pearce (University of Virginia, USA)	2394

Energy Efficient Optical Networks

<i>Energy Source-Aware Manycast Overlay in WDM Networks</i> Thilo Schöndienst (University of Massachusetts Lowell, USA), Jeremy M. Plante (University of Massachusetts Lowell, USA), Dylan A.P. Davis (University of Massachusetts Dartmouth, USA), Vinod M. Vokkarane (University of Massachusetts Lowell, USA)	2400
<i>An Energy and Cost Efficient WDM/OFDMA PON System Architecture</i> Maria C. Yuang (National Chiao Tung University, Taiwan), Po-Lung Tien (National Chiao Tung University, Taiwan), Jyehong Chen (National Chiao Tung University, Taiwan), Hsing-Yu Chen (Industrial Technology Research Institute of Taiwan, Taiwan), Dar-Zu Hsu (Industrial Technology Research Institute, Taiwan), Chia-Chien Wei (National Sun Yat-sen University, Taiwan)	2407

<i>Demonstration of Timer-based ONU Deep Sleep for Emergency Communication during Power Failure</i> Hirotaka Ujikawa (NTT, Japan), Takashi Yamada (NTT, Japan), Naoto Yoshimoto (NTT, Japan)	2413
<i>Joint Relay Selection and Power Allocation in Cooperative FSO Networks</i> Hui Zhou (Auburn University, USA), Donglin Hu (Auburn University, USA), Shiwen Mao (Auburn University, USA), Prathima Agrawal (Auburn University, USA)	2418

Visible Light Communications and OFDM

<i>Channel Capacity for Dimmable Visible Light Communications</i> Jun-Bo Wang (Southeast University, P.R. China), Qing-Song Hu (Nanjing University of Aeronautics and Astronautics, P.R. China), Jiangzhou Wang (University of Kent, United Kingdom), Yu-Hua Huang (Nanjing University of Aeronautics and Astronautics, P.R. China), Jin-Yuan Wang (Southeast University, P.R. China)	2424
<i>Alamouti-Type Coding for Visible Light Communication Based on Direct Detection Using Image Sensor</i> Yuta Amano (Chiba Institute of Technology, Japan), Koji Kamakura (Chiba Institute of Technology, Japan), Takaya Yamazato (Nagoya University, Japan)	2430
<i>High-Speed Visible Light Indoor Networks Based on Optical Orthogonal Codes and Combinatorial Designs</i> Mohammad Noshad (University of Virginia, USA), Maite Brandt-Pearce (University of Virginia, USA)	2436
<i>On The Optimum Performance of Multicarrier Optical Signals with Nonlinear Phase Distortion</i> João Guerreiro (FCT-UNL, Portugal), Rui Dinis (Instituto de Telecomunicacoes, Portugal), Paulo Montezuma (FCT-UNL, Portugal)	2442

Topics in Optical Networking (Interactive Session)

<i>Centralized Small-Cell Radio Access Network with Shared Millimeter-Wave Radio-over-Fiber Resources</i> Lin Cheng (Georgia Institute of Technology, USA), Cheng Liu (AT&T Labs, USA), Ming Zhu (Georgia Institute of Technology, USA), Jing Wang (Georgia Institute of Technology, USA), Gk Chang (Georgia Institute of Technology, USA)	2448
<i>Closed-form Analysis of Intra/inter-Band Cross-Modulation in Multiband Radio-over-Fiber Systems</i> Jing Wang (Georgia Institute of Technology, USA), Cheng Liu (AT&T Labs, USA), Ming Zhu (Georgia Institute of Technology, USA), Anlin Yi (Southwest Jiaotong University, P.R. China), Gee-Kung Chang (Georgia Tech, USA)	2454
<i>Dynamic Range Constrained Clipping in Visible Light OFDM Systems with Brightness Control</i> Zhenhua Yu (Georgia Institute of Technology, USA), Robert John Baxley (Georgia Tech Research Institute, USA), G. Tong Zhou (Georgia Tech, USA)	2461

GC13 SAC: Globecom 2013 - Symposium on Selected Areas in Communications

Energy-Efficient Wireless Communications

<i>A Mechanism for Load Proportional Energy Use in Wireless Local Area Networks</i> Jie Chen (RPI, USA), Biplab Sikdar (Rensselaer Polytechnic Institute, USA)	2466
---	------

<i>Energy-Efficient Heterogeneous Antenna Selection Relaying in Wireless Body Area Networks</i> Stephen Lingfeng Wang (Toshiba Research Europe Limited, United Kingdom), Konstantinos Mimis (TREL, United Kingdom), Muhammad Z Bocus (Toshiba Research Europe Limited, United Kingdom), Gavin Watkins (Toshiba Research Europe Ltd., United Kingdom), Justin P Coon (University of Oxford, United Kingdom)	2472
<i>Transmit Power Minimization for the Z Interference Channel</i> Ernest Kurniawan (Institute for Infocomm Research, Singapore), Stefano Rini (National Chiao Tung University, USA), Andrea Goldsmith (Stanford University, USA)	2478
<i>Low-Complexity Energy Efficiency Maximization Protocol for MIMO-OFDM Systems</i> Eren Eraslan (University of California, Los Angeles, USA), Babak Daneshrad (University of California, Los Angeles, USA)	2484
<i>Energy Efficient Multiuser MIMO Systems with Distributed Transmitters</i> Jingon Joung (Institute for Infocomm Research, Singapore), Yeow-Khiang Chia (Institute for Infocomm Research, Singapore), Sumei Sun (Institute for Infocomm Research, Singapore)	2491

Energy Harvesting Systems

<i>Information and Power Transfer under MISO Channel with Finite-rate Feedback</i> Chen-Feng Liu (Academia Sinica, Taiwan), Chia-Han Lee (Academia Sinica, Taiwan)	2497
<i>Asymptotically Optimal Power Allocation for Point-to-Point Energy Harvesting Communication Systems</i> Nikola Zlatanov (University of British Columbia, Canada), Zoran Hadzi-Velkov (Ss. Cyril and Methodius University, Macedonia, the former Yugoslav Republic of), Robert Schober (University of British Columbia, Canada)	2502
<i>CoMP Meets Energy Harvesting: A New Communication and Energy Cooperation Paradigm</i> Jie Xu (National University of Singapore, Singapore), Yinghao Guo (National University of Singapore, Singapore), Rui Zhang (National University of Singapore, Singapore)	2508
<i>Relay Selection for Energy Harvesting Cooperative Communication Systems</i> Yaming Luo (The Hong Kong University of Science and Technology, Hong Kong), Jun Zhang (The Hong Kong University of Science and Technology, Hong Kong), Khaled B. Letaief (The Hong Kong University of Science and Technology, Hong Kong)	2514
<i>Outage Probability Optimization with Equal and Unequal Transmission Rates under Energy Harvesting Constraints</i> Sha Wei (Shanghai Jiaotong University, P.R. China), Wei Guan (University of Maryland, College Park, USA), K. J. Ray Liu (University of Maryland, USA)	2520

Energy-Efficient Communications

<i>Energy Efficient Coordinated Beamforming for Multi-cell MISO Systems</i> Yi Huang (University of Science and Technology of China, P.R. China), Jie Xu (National University of Singapore, Singapore), Ling Qiu (University of Science and Technology of China, P.R. China)	2526
<i>Energy-Aware Broadcast MU-MIMO Precoder Design with Imperfect Battery Knowledge</i> Javier Rubio (Universitat Politècnica de Catalunya, Spain), Antonio Pascual-Iserte (Universitat Politècnica de Catalunya, Spain)	2532
<i>Dynamic Energy-aware Multipath Grooming</i> Juliana De Santi (State University of Campinas, Brazil), Nelson L. S. da Fonseca (State University of Campinas, Brazil)	2538
<i>Analysis of a Probing-Based Cyclic Sleep Mechanism for Passive Optical Networks</i> N. Prasanth Anthapadmanabhan (Bell Labs, Alcatel-Lucent, USA), Nga Dinh (Bell Labs Seoul, Korea), Anwar Walid (Bell-labs, Alcatel Lucent, USA), Adriaan J. van Wijngaarden (Bell Laboratories, Alcatel-Lucent, USA)	2543

QPAR: a Quasi-Passive and Reconfigurable Node for Green Next-Generation Optical Access Networks

Yingying Bi (Stanford University, USA), Jing Jin (Stanford University, USA), Ahmad R. Dhaini (Stanford University, USA), Leonid Kazovsky (Stanford University, USA) 2549

Green Cellular Networks

Joint Dynamic Energy-efficient Spectrum Allocation and Routing in Two-tiered 4G Cellular Systems

Wahyu Pramudito (University of Manchester, United Kingdom), Emad Alsusa (Manchester University, United Kingdom) 2555

Network Sharing and its Energy Benefits: a Study of European Mobile Network Operators

Marco G Ajmone Marsan (Politecnico di Torino, Italy), Michela Meo (Politecnico di Torino, Italy) 2561

Low-Carb: Reducing Energy Consumption in Operational Cellular Networks

Muhammad Saqib Ilyas (Lahore University of Management Sciences, Pakistan), Ghufran Baig (Lahore University of Management Sciences, Pakistan), Mubashir Qureshi (Lahore University of Management Sciences, Pakistan), Qurrat-UI-Ain Nadeem (King Abdullah University of Science and Technology (KAUST), Pakistan), Ali Raza (Lahore University of Management Sciences, Pakistan), Munaf Qazi (Lahore University of Management Sciences, Pakistan), Bilal Rassool (Warid Telecom (Pvt) Pakistan, Pakistan) 2568

Energy Efficient Cellular Networks in the Presence of Delay Tolerant Users

Samantha Gamboa (Institut Mines-Telecom / Telecom Bretagne, France), Alexander Pelov (Institut Mines-Telecom / Telecom Bretagne, France), Patrick Maillé (Institut Mines-Telecom / Telecom Bretagne, France), Xavier Lagrange (Institut Mines Telecom / Telecom Bretagne, France), Nicolas Montavont (Institut Mines Telecom / Telecom Bretagne, France) 2574

Distributed Energy-Efficient Inter-cell Interference Control with BS Sleep Mode and User Fairness in Cellular Networks

Shouchao Jiang (Dalian University of Technology, P.R. China), F. Richard Yu (Carleton University, Canada), Yi Sun (Dalian University of Technology, P.R. China) 2581

Networks and Applications

Distance Estimation in Concentration-Based Molecular Communications

Jiun-Ting Huang (National Taiwan University, Taiwan), Hsin-Yu Lai (National Taiwan University, Taiwan), Yen-Chi Lee (National Taiwan University, Taiwan), Chia-Han Lee (Academia Sinica, Taiwan), Ping-Cheng Yeh (National Taiwan University, Taiwan) 2587

End-to-end Delay Distributions in Wireless Tele-ultrasonography Medical Systems

Yu Chen (University College London, United Kingdom), Nada Y Philip (Kingston University, United Kingdom), Robert Istepanian (Kingston University, United Kingdom), Izzat Darwazeh (University College London, United Kingdom) 2592

Evaluation of Fall Risk for Post-Stroke Patients Using Bluetooth Low-Energy Wireless Sensor

Brandon Allen (University of Tennessee Chattanooga, USA), Robert Derveloy (University of Tennessee Chattanooga, USA), Kelsey Lowry (University of Tennessee Chattanooga, USA), Hanna Handley (University of Tennessee Chattanooga, USA), Nancy Fell (University of Tennessee Chattanooga, USA), Wade Gasior (Variable Technologies, LLC, USA), George Yu (Variable Technologies, LLC, USA), Mina Sartipi (University of TN at Chattanooga, USA) 2598

PESC: A Parallel System for Clustering ECG Streams Based on MapReduce

Lin Yang (Hong Kong University of Science and Technology, Hong Kong), Jin Zhang (Hong Kong University of Science and Technology, P.R. China), Qian Zhang (Hong Kong University of Science and Technology, Hong Kong) 2604

Smart Grid

<i>A Framework for Reliable Reception of Wireless Metering Data using Protocol Side Information</i> Rasmus M Jacobsen (Kamstrup A/S, Denmark), Petar Popovski (Aalborg University, Denmark)	2610
<i>A Decisional Attack to Privacy-friendly Data Aggregation in Smart Grids</i> Cristina E.M. Rottondi (Politecnico di Milano, Italy), Marco Savi (Politecnico di Milano, Italy), Daniele Polenghi (Politecnico di Milano, Italy), Giacomo Verticale (Politecnico di Milano, Italy), Christoph Krauß (Fraunhofer Research Institution AISEC, Germany)	2616
<i>Optimal Phasor Data Concentrator Installation for Traffic Reduction in Smart Grid Wide-Area Monitoring Systems</i> Miles H. F. Wen (The University of Hong Kong, Hong Kong), Victor O. K. Li (University of Hong Kong, P.R. China)	2622
<i>QoS-aware Inter-Cluster Head Scheduling in WSNs for High Data Rate Smart Grid Applications</i> Irfan S. Al-Anbagi (University of Ottawa, Canada), Melike Erol-Kantarci (University of Ottawa, Canada), Hussein T Mouftah (University of Ottawa, Canada)	2628
<i>Energy Management Strategies for Base Stations Powered by the Smart Grid</i> Johann Leithon (National University of Singapore, Singapore), Sumei Sun (Institute for Infocomm Research, Singapore), Teng Joon Lim (National University of Singapore, Singapore)	2635

Opening the Internet of Things through IPv6 and Web Technologies

<i>Gateways for the Internet of Things: An Old Problem Revisited</i> Vint Cerf (Google, USA), Peter Kirstein (University College London, United Kingdom)	2641
<i>SCoAP: An Integration of CoAP Protocol With Web-based Application</i> Nam K Giang (KAIST, Korea), Minkeun Ha (Korea Advanced Institute of Science and Technology, Korea), Daeyoung Kim (KAIST, Korea)	2648
<i>Content-based Sensor Search for the Web of Things</i> Cuong Truong (Universität zu Lübeck, Germany), Kay Römer (University of Lübeck, Germany)	2654
<i>Efficient Cooperative Anycasting for AMI Mesh Networks</i> Sedat Gormus (Toshiba Research Europe Ltd., United Kingdom), Muhammad Z Bocus (Toshiba Research Europe Limited, United Kingdom)	2661

Optical and Hybrid Access Networks

<i>On the Reduction of ONU Upstream Buffering for PON/xDSL Hybrid Access Networks</i> Michael P McGarry (University of Texas at El Paso, USA), Yuanqiu Luo (Huawei Technologies USA, USA), Elliott Gurrola (University of Texas at El Paso, USA)	2667
<i>Single-receiver dual-channel dynamic bandwidth algorithm for local storage VoD delivery</i> Sandu Abeywickrama (The University of Melbourne, Australia), Elaine Wong (Dept of Electrical and Electronic Engineering, Australia)	2674
<i>The Stanford UltraFlow Access: Architecture and Hierarchical Scheduling</i> Shunrong Shen (Stanford University, USA), Ahmad R. Dhaini (Stanford University, USA), Shuang Yin (Stanford University, USA), Ben Detwiler (Stanford University, USA), Marc De Leenheer (Open Networking Lab, USA), Leonid Kazovsky (Stanford University, USA)	2680

Coherent MMW/Terahertz Signal Transmission with Frequency-Reconfigurable RoF Transmitter Based on an Optical Frequency Comb

Atsushi Kanno (National Institute of Information and Communications Technology, Japan), Toshiaki Kuri (NICT, Japan), Isao Morohashi (National Institute of Information and Communications Technology, Japan), Iwao Hosako (National Institute of Information & Communications Technology, Japan), Tetsuya Kawanishi (National Institute of Information and Communications Technology, Japan), Yuki Yoshida (Osaka University, Japan), Ken'ichi Kitayama (Osaka University, Japan) 2686

Data Storage

A Low-Complexity Soft-Output Decoder for Polar Codes

Ubaid Ullah Fayyaz (Georgia Institute of Technology, USA), John Barry (Georgia Institute of Technology, USA) 2692

Multi-Directional Self-Iterating Soft Equalization for 2D Intersymbol Interference

Jaehyeong No (KAIST, Korea), Jaekyun Moon (KAIST, Korea) 2698

Minimal Maximum-Level Programming: Faster Memory Access via Multi-Level Cell Sharing

Amit Berman (Technion, Israel), Yitzhak Birk (Technion, Israel) 2705

An Eavesdropping Prevention Problem When Repairing Network Coded Data from Remote Distributed Storage

Yu-Jia Chen (National Chiao Tung University, Taiwan), Chen-Hung Liao (National Chiao Tung University, Taiwan), Li-Chun Wang (National Chiao Tung University, Taiwan) 2711

Proofs of Data Possession and Pollution Checking for Regenerating Codes

Juan Camilo Corena (KDDI R&D Laboratories Inc., Japan), Tomoaki Ohtsuki (Keio University, Japan) 2717

Security and Reliability

Personal Use of the Genomic Data: Privacy vs. Storage Cost

Erman Ayday (EPFL, Switzerland), Jean Louis Raisaro (EPFL, Switzerland), Jean-Pierre Hubaux (EPFL, Switzerland) 2723

Multiparty Privacy Protection for Electronic Health Records

Xun Yi (Victoria University, Australia), Yuan Miao (Victoria University, Australia), Elisa Bertino (Purdue University, USA), Jan Willemson (STACC, Estonia) 2730

RECCE: A Reliable and Efficient Cloud Cooperation Scheme in E-healthcare

Qinghua Shen (University of Waterloo, Canada), Xiaohui Liang (University of Waterloo, Canada), Sherman Shen (University of Waterloo, Canada), Xiaodong Lin (University of Ontario Institute of Technology, Canada), Henry Luo (Care in Motion, Canada) 2736

A Reliable Design of Wireless Body Area Networks

Jocelyne Elias (University of Paris Descartes, France), Abdallah Jarray (University of Ottawa, Canada), Javier Salazar (University of Paris Descartes, France), Ahmed Karmouch (University of Ottawa, Canada), Ahmed Mehaoua (University of Paris Descartes, France) 2742

A Service-oriented Self-adaptive CCE (S2-CCE) Configuration Mechanism to Enhance Time-Sensitive mHealth Applications

Qian Zheng (Peking University, P.R. China), Min Chen (Peking University, P.R. China), Anpeng Huang (Peking University, P.R. China), Bingli Jiao (Peking University, P.R. China) 2749

Topics in Green Communications (Interactive Session)

Simultaneous Wireless Information and Power Transfer in Multiuser MIMO Systems

Javier Rubio (Universitat Politècnica de Catalunya, Spain), Antonio Pascual-Iserte (Universitat Politècnica de Catalunya, Spain) 2755

<i>Femto-Station Allocation for Green Hierarchical Cellular Network</i> Zhe Wang (Shanghai Jiao Tong University, USA), Xiaodong Wang (Columbia University, USA), Motasem Aldiab (King Abdulaziz University, Saudi Arabia), Tareq Jaber (King Abdulaziz University, Saudi Arabia)	2761
<i>Maximizing Energy-Efficiency in Multi-Relay OFDMA Cellular Networks</i> Kent Tsz Kan Cheung (University of Southampton, United Kingdom), Shaoshi Yang (University of Southampton, United Kingdom), Lajos Hanzo (University of Southampton, United Kingdom)	2767
<i>Smart Hybrid Power System for Base Transceiver Stations with Real-Time Energy Management</i> Panagiotis D. Diamantoulakis (Aristotle University of Thessaloniki, Greece), Abolfazl Ghassemi (University of Tehran, Iran), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece)	2773
<i>Energy management of DSL systems: experimental findings</i> Mamoun Guenach (Bell Laboratories, Alcatel-Lucent, Antwerp, Belgium), Mahdi Ben Ghorbel (Qatar University, Qatar), Carl Nuzman (Bell Labs, Alcatel-Lucent, USA), Koen Hooghe (Bell Labs, Alcatel-Lucent, Belgium), Michael Timmers (Alcatel-Lucent Bell Labs, Belgium), Jochen Maes (Alcatel-Lucent Bell Labs, Belgium)	2779
<i>Decentralized Control of Electric Vehicles in a Network of Fast Charging Stations</i> I. Safak Bayram (Texas A&M University at Qatar, Qatar), George Michailidis (University of Michigan, USA), Ioannis Papapanagiotou (Purdue University, USA), Michael Devetsikiotis (North Carolina State University, USA)	2785

Extending the Internet of Things through Social, Mobile Networks and Cloud Computing

<i>Lightweight Mobile IPv6: A mobility protocol for enabling transparent IPv6 mobility in the Internet of Things</i> Antonio J. Jara (HES-SO, Switzerland), David Fernández (University of Murcia, Spain), Pablo López, Martínez (University of Murcia, Spain), Miguel Angel Zamora (University Of Murca, Spain), Antonio Fernando Skarmeta Gomez (University of Murcia, Spain)	2791
<i>Application Deployment for IoT: An Infrastructure Approach</i> Salvatore Distefano (Politecnico di Milano, Italy), Giovanni Merlino (University of Messina, Italy), Antonio Puliafito (University of Messina, Italy)	2798
<i>How often social objects meet each other? Analysis of the properties of a social network of IoT devices based on real data</i> Hamid Zargariasl (University of Mediterranea, Italy), Antonio Iera (University Mediterranea of Reggio Calabria, Italy), Luigi Atzori (University of Cagliari, Italy), Giacomo Morabito (University of Catania, Italy)	2804
<i>DisAssist: An Internet of Things and Mobile Communications platform for Disabled Parking Space Management</i> Lambros Lambrinos (Cyprus University of Technology, Cyprus), Aristotelis Dosis (Cyprus University of Technology, Cyprus)	2810
<i>A Holistic Approach for Energy Efficient Proximity Alert on Android</i> Muhammed Fatih Bulut (University at Buffalo, USA), Murat Demirbas (University at Buffalo, SUNY, USA)	2816

Topics in Satellite and Space Communications (Interactive Session)

<i>Statistical Cross Layer Adaptation in Fast Fading Mobile Satellite Channels</i> Alberto Rico-Alvariño (University of Vigo, Spain), Jesús Arnau (University of Vigo, Spain), Carlos Mosquera (University of Vigo, Spain)	2822
--	------

xDSL and Hybrid Access Networks

<i>Wideband Modeling of Twisted-Pair Cables for MIMO Applications</i>	
Rainer Strobel (Technische Universität München, Germany), Reinhard Stolle (Hochschule Augsburg, Germany), Wolfgang Utschick (Technische Universität München, Germany)	2828
<i>Simple and Causal Twisted-Pair Channel Models for G.fast Systems</i>	
Diogo Acatauassu (UFPA, Brazil), Stefan Höst (Lund University, Sweden), Chenguang Lu (Ericsson Research, Sweden), Miguel Berg (Ericsson AB, Sweden), Aldebaro Klautau (Universidade Federal do Para, Brazil), Per Ola Börjesson (Dept. of Electrical and Information Technology Lund University, Sweden)	2834
<i>Managing Unvectorized Lines in a Vectorized Group</i>	
Jochen Maes (Alcatel-Lucent Bell Labs, Belgium), Mamoun Guenach (Bell Laboratories, Alcatel-Lucent, Antwerp, Belgium), Mahdi Ben Ghorbel (Qatar University, Qatar), Benoît Drooghaag (Alcatel-Lucent, Belgium)	2840
<i>Analysis of Fast Initialization for Vectorized Wireline Systems</i>	
Driton Statovci (FTW Telecommunications Research Center Vienna, Austria), Thomas Magesacher (Lund University, Sweden), Martin Wolkerstorfer (FTW Telecommunications Research Center Vienna, Austria), Eduardo Medeiros (Lund University, Sweden)	2846

Topics in Data Storage (Interactive Session)

<i>A New Class of Data Center Network Structures</i>	
Jianfei Zhang (Jilin University, P.R. China), Zhiyi Fang (Jilin University, P.R. China), Guannan Qu (Jilin University, P.R. China), Si-Qing Zheng (University of Texas at Dallas, USA)	2852

Green Data Centers and Cloud Computing

<i>Energy Efficient Content Distribution in an ISP Network</i>	
Remigiusz Modrzejewski (CNRS, France), Luca Chiaraviglio (University of Rome Sapienza, Italy), Issam Tahiri (INRIA, I3S, CNRS, Université de Nice Sophia, France), Frederic Giroire (CNRS, France), Esther Le Rouzic (Orange Labs, France), Edoardo Bonetto (Orange Labs, France), Francesco Musumeci (Politecnico di Milano, Italy), Roberto Gonzalez (Universidad Carlos III de Madrid, Spain), Carmen Guerrero (University Carlos III of Madrid, Spain)	2859
<i>Optimal Power and Workload Management for Green Data Centers with Thermal Storage</i>	
Yuanxiong Guo (University of Florida, USA), Yanmin Gong (University of Florida, USA), Yuguang Fang (University of Florida, USA), Pramod Khargonekar (Univ of Florida, Gainesville, USA), Xiaojun Geng (University of West Florida, USA)	2866
<i>Risk Management for Virtual Machines Consolidation in Data Centers</i>	
Xibo Jin (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Fa Zhang (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China), Songlin Hu (Chinese Academy of Sciences, P.R. China), Zhiyong Liu (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)	2872
<i>Minimum Outage Probability Provisioning in an Energy-efficient Cloud Backbone</i>	
Burak Kantarci (University of Ottawa, Canada), Hussein T Mouftah (University of Ottawa, Canada)	2879
<i>A Semi-Markovian Decision Process Based Control Method for Offloading Tasks from Mobile Devices to the Cloud</i>	
Shuang Chen (University of Southern California, USA), Yanzhi Wang (University of Southern California, USA), Massoud Pedram (University of Southern California, USA)	2885

Enabling a Secure and Trustable Internet of Things

<i>Secure Ownership Transfer in Multi-tag/Multi-owner Passive RFID Systems</i> Saravanan Sundaresan (Deakin University, Australia), Robin Doss (Deakin University, Australia), Wanlei Zhou (Deakin University, Australia)	2891
<i>A Dynamic-Encryption Authentication Scheme for M2M Security in Cyber-Physical Systems</i> Shuo Chen (Nanyang Technological University, Singapore), Maode Ma (Nanyang Technological University, Singapore)	2897
<i>Recognizing Entities Across Protocols with Unified UUID Discovery and Asymmetric Keys</i> Rui Ferreira (Instituto de Telecomunicações, Portugal), Alfredo Matos (Rocketleaf, Portugal), Rui L Aguiar (University of Aveiro, Portugal)	2902
<i>To Overhear or Not to Overhear: On Correlated Data Gathering in M2M Networks with Limited Radio Resources</i> Wei Chih Liao (National Taiwan University, Taiwan), Hung-Yun Hsieh (National Taiwan University, Taiwan)	2909

Topics in Power Line Communications (Interactive Session)

<i>Efficient SLM Based Impulsive Noise Reduction in Powerline OFDM Communication Systems</i> Khaled Rabie (The University of Manchester, United Kingdom), Emad Alsusa (Manchester University, United Kingdom)	2915
--	------

Satellite Communications and Navigation

<i>Design of an on-board beam generation process for the forward link of a multi-beam broadband satellite system</i> Vahid Joroughi (Technical University of Catalonia (UPC), Spain), Bertrand Devillers (CTTC, Spain), Miguel Angel Vázquez (CTTC, Spain), Ana Isabel Perez (Universitat Politècnica de Catalunya, Spain)	2921
<i>Optimized Short Message Transmission for Reliable Communications over Satellite Broadcast Channels</i> Francesco Chiti (Università degli Studi di Firenze, Italy), Romano Fantacci (University of Florence, Italy), Tommaso Pecorella (Università di Firenze, Italy), Andrea Tassi (Lancaster University, United Kingdom)	2927
<i>LDPC Code Performance and Optimum Code Rate for Contention Resolution Diversity ALOHA</i> Christian Kissling (TriaGnoSys GmbH, Germany), Federico Clazzer (German Aerospace Center (DLR), Germany)	2932
<i>Constant-Envelope SC-FDMA for Nonlinear Satellite Channels</i> Ronald Mulinde (University of South Australia, Australia), Talha Faizur Rahman (University of Trento, Italy), Claudio Sacchi (University of Trento, Italy)	2939
<i>Design Aspects for Efficient Distribution of Alert Messages over GNSS</i> Tomaso De Cola (German Aerospace Center (DLR), Germany), Cristina Parraga Niebla (German Aerospace Center (DLR), Germany)	2945

Wireless Access and Protocols

<i>Adaptive Access Control of CSMA/CA in Wireless LANs for Throughput Improvement</i> Mahsa Derakhshani (McGill University, Canada), Tho Le-Ngoc (McGill University, Canada)	2951
---	------

<i>Loss Tolerant Bandwidth Aggregation for Multihomed Video Streaming over Heterogeneous Wireless Networks</i>	
Jiyan Wu (Beijing University of Posts and Telecommunications, P.R. China), Jingqi Yang (Beijing University of Posts and Telecommunications, P.R. China), Junliang Chen (Beijing University of Posts and Telecommunications, Taiwan)	2956
<i>Passive bufferbloat measurement exploiting transport layer information</i>	
Chiara Chirichella (Telecom ParisTech, France), Dario Rossi (Telecom ParisTech, France), Claudio Testa (Telecom ParisTech, France), Timur Friedman (UPMC Sorbonne Universités, France), Antonio Pescapé (University of Napoli Federico II, Italy)	2963

Power Line Communications

<i>Modelling Power Line Communication Using Network Simulator-3</i>	
Fariba Aalamifar (University of British Columbia, Canada), Alexander Schloegl (University of Erlangen-Nuremberg, Germany), Don Harris (University of British Columbia, Canada), Lutz Lampe (University of British Columbia, Canada)	2969
<i>Improving Data Rate in Relay-Aided Power Line Communications Using Network Coding</i>	
Moslem Noori (University of British Columbia, Canada), Lutz Lampe (University of British Columbia, Canada)	2975
<i>Non-parametric Mitigation of Periodic Impulsive Noise in Narrowband Powerline Communications</i>	
Jing Lin (The University of Texas at Austin, USA), Brian L Evans (The University of Texas at Austin, USA)	2981
<i>Bottom-Up Approach for Narrowband Powerline Channel Modeling</i>	
Souha Souissi (SUPCOM, Tunisia), Ons Bel Hadj Rhouma (High School of Communication, Tunisia), Chiheb Rebai (Ecole Supérieure des Communications de Tunis (SUP'COM), Tunisia)	2987
<i>Narrowband OFDM Power Line Communication Challenges, Standardization, and Semiconductor's Role</i>	
Donald P Shaver (Texas Instruments, USA), Daniel Popa (ITRON, France), David Su (NIST, USA)	2993

Satellite and Space Networking

<i>A Centralized Multiple Access Scheme for Data Gathering in Satellite-Routed Sensor System (SRSS)</i>	
Yuichi Kawamoto (Tohoku University, Japan), Hiroki Nishiyama (Tohoku University, Japan), Nei Kato (Tohoku University, Japan), Shinichi Yamamoto (National Institute of Information and Communications Technology, Japan), Naoko Yoshimura (National Institute of Information and Communications Technology, Japan), Naoto Kadowaki (National Institute of Information and Communications Technology, Japan)	2998
<i>Reliable Aeronautical Services Protocol: Motivation, Design, and Performance</i>	
Muhammad Muhammad (German Aerospace Center (DLR), Germany), Tomaso De Cola (German Aerospace Center (DLR), Germany), Christian Kissling (TriaGnoSys GmbH, Germany), Matteo Berioli (German Aerospace Center (DLR), Germany)	3003
<i>DTNperf_3: a Further Enhanced Tool for Delay-/Disruption- Tolerant Networking Performance Evaluation</i>	
Carlo Caini (University of Bologna, Italy), Anna d'Amico (University of Bologna, Italy), Michele Rodolfi (University of Bologna, Italy)	3009
<i>Congestion Modeling in Graph-Routed Delay Tolerant Networks With Predictive Capacity Consumption</i>	
Edward Birrane, III (Johns Hopkins University Applied Physics Laboratory, USA)	3016

<i>Efficient Resource Allocation for Multicast Transmissions in Satellite-LTE Networks</i> Giuseppe Araniti (University Mediterranea of Reggio Calabria, Italy), Massimo Condoluci (University Mediterranea of Reggio Calabria, Italy), Antonio Petrolino (INESC-ID, Lisbon, Portugal)	3023
---	------

Game Theoretical Models for Wireless Interference Management

<i>Energy-efficient Nonstationary Power Control in Cognitive Radio Networks</i> Yuanzhang Xiao (University of California, Los Angeles, USA), Mihaela van der Schaar (University of California, Los Angeles (UCLA), USA)	3029
<i>Auction Design for Spectrum Allocation Under Interference Constraints</i> Jorge Barrera (University of Virginia, USA), Alfredo Garcia (University of Virginia, USA), Mingyi Hong (University of Minnesota, USA)	3035
<i>Distributed Interference Pricing in Wireless Networks with Local Cooperation</i> Cheng Chen (Northwestern University, USA), Randall A Berry (Northwestern University, USA), Michael Honig (Northwestern University, USA), Vijay Subramanian (Northwestern University, USA)	3042
<i>STAMP: A Strategy-Proof Approximation Auction Mechanism for Spatially Reusable Items in Wireless Networks</i> Ruihao Zhu (University of Michigan, USA), Fan Wu (Shanghai Jiao Tong University, P.R. China), Guihai Chen (Shanghai Jiao Tong University, P.R. China)	3048
<i>Heterogeneous Spectrum Sharing with Rate Demands in Cognitive MIMO Networks</i> Diep N. Nguyen (University of Arizona, USA), Marwan Krunz (University of Arizona, USA)	3054

Social Networks I

<i>Influence Maximization in Multiple Online Social Networks</i> Dung T. Nguyen (University of Florida, USA), Soham Das (University of Florida, USA), My T. Thai (University of Florida, USA)	3060
<i>Analyzing the Influential People in Sina Weibo Dataset</i> Liao Qing (HKUST, Hong Kong), Wei Wang (Hong Kong University of Science and Technology, Hong Kong), Han Yi (Peking University, Beijing, P.R. China), Qian Zhang (Hong Kong University of Science and Technology, Hong Kong)	3066
<i>Searching for Truss Alpha Users in Mobile Telecommunications Social Networks</i> Rung-Hung Gau (National Chiao Tung University, Taiwan), Sheng-Wen Tsai (National Chiao Tung University, Taiwan), Tzu-Ting Tseng (Chunghwa Telecom Inc., Taiwan)	3072
<i>Search Delay and Success in Combined Social and Communication Networks</i> Kartavya Neema (Purdue University, USA), Yalin E Sagduyu (Intelligent Automation, Inc., USA), Yi Shi (Intelligent Automation Inc., USA)	3077
<i>Activities Information Diffusion in Chinese Largest Recommendation Social Network: Patterns and Generative Model</i> Jianwei Niu (Beihang University, P.R. China), Shaluo Huang (Beihang University, P.R. China), Lei Shu (Guangdong University of Petrochemical Technology, P.R. China), Ivan Stojmenovic (University of Ottawa, Canada)	3083

Game Theoretical Models for Communication Networks

<i>User-Centric Energy Aware Compensation Framework for Hybrid Macro-Femtocell Networks</i> Fei Shen (Dresden University of Technology, Germany), Ming Zhang (TU Dresden, Germany), Eduard Jorswieck (TU Dresden, Germany)	3089
--	------

<i>Traffic Engineering with Elastic Traffic</i>	
Chiun Lin Lim (Cornell University, USA), Kevin Tang (Cornell University, USA)	3095
<i>Valuation Promotes Cooperation in Peer-to-Peer File-Sharing</i>	
Dingding Guo (The University of Hong Kong, Hong Kong), Yu-Kwong Kwok (University of Hong Kong, Hong Kong)	3102
<i>Incentive Mechanism for DTN-based Message Delivery Services</i>	
Kohei Sugiyama (KDDI R&D Laboratories, Inc., Japan), Takeshi Kubo (KDDI R&D Laboratories, Inc., Japan), Atsushi Tagami (KDDI R&D Laboratories, Japan), Abhay Parekh (UC Berkeley, USA)	3108

Social Networks II

<i>Understanding Sina Weibo Online Social Network: A Community Approach</i>	
Kai Lei (School of Electronics and Computer Engineering (ECE), Peking University, P.R. China), Kai Zhang (Peking University, P.R. China), Kuai Xu (Arizona State University, USA)	3114
<i>Detecting Overlapping Communities in Networks Based on a Simple Node Behavior Model</i>	
Xuan-Chao Huang (National Tsing Hua University, Taiwan), Jay Cheng (National Tsing Hua University, Taiwan), Hsin-Hung Chou (National Tsing Hua University, Taiwan), Chih-Heng Cheng (National Tsing Hua University, Taiwan), Hsien-Tsan Chen (National Tsing Hua University, Taiwan)	3120
<i>Social Information Sharing in Digital Gaming on Social Network Platforms through Open Standards</i>	
Fabrizio Davide (Università di Roma Tor Vergata, Italy), Francesco Collovà (Telecom Italia, Italy), Francesco Vatalaro (University of Rome Tor Vergata, Italy)	3126
<i>Bayesian-based Video Sharing in Mobile Social Networks</i>	
Chenguang Kong (Georgia State University, USA), Xiaojun Cao (Georgia State University, USA), Ming Liu (Central China Normal University, P.R. China)	3132
<i>A Latent Social Approach to YouTube Popularity Prediction</i>	
Amandianeze O Nwana (Cornell University, USA), Salman Avestimehr (University of Southern California, USA), Tsuhan Chen (Cornell University, USA)	3138

Game Theoretical Models for Emerging Services

<i>A Privacy-aware Framework for Online Advertisement Targeting</i>	
Linlin Yang (Hong Kong University of Science and Technology, Hong Kong), Wei Wang (Hong Kong University of Science and Technology, Hong Kong), Yanjiao Chen (Hong Kong University of Science and Technology, Hong Kong), Qian Zhang (Hong Kong University of Science and Technology, Hong Kong)	3145
<i>Data Plan Throttling: A Simple Consumer Choice Mechanism</i>	
Barbara M. Anthony (Southwestern University, USA), Christine Chung (Connecticut College, USA)	3151
<i>Adaptation in a Channel Access Game with Private Monitoring</i>	
Zaheer Khan (University of Oulu, Finland), Janne Lehtomäki (University of Oulu, Finland), Luiz DaSilva (Trinity College, Ireland), Matti Latva-aho (UoOulu, Finland), Markku Juntti (University of Oulu, Finland)	3157
<i>A Satisfaction Game for Heating, Ventilation and Air Conditioning Control of Smart Buildings</i>	
Najmeh Forouzandehmehr (University of Houston, USA), Samir M. Perlaza (INRIA, France), Zhu Han (University of Houston, USA), H. Vincent Poor (Princeton University, USA)	3164

Social Networks III

<i>Weight-Aware Private Matching Scheme for Proximity-based Mobile Social Networks</i> Ben Niu (Xidian University, P.R. China), Xiaoyan Zhu (Xidian University, P.R. China), Jie Liu (Xidian University, P.R. China), Zan Li (Xidian University, P.R. China), Hui Li (Xidian University, P.R. China)	3170
<i>Sequential Pricing For Social Networks With Multi-State Diffusion</i> Guolin Niu (The University of Hong Kong, P.R. China), Victor O. K. Li (University of Hong Kong, P.R. China), Yi Long (The University of Hong Kong, Hong Kong)	3176
<i>Towards Understanding Traveler Behavior in Location-Based Social Networks</i> Xuelian Long (University of Pittsburgh, USA), Lei Jin (School of Information Sciences, University of Pittsburgh, USA), James Joshi (University of Pittsburgh, USA)	3182
<i>"Current City" Prediction for Coarse Location Based Applications on Facebook</i> Wipada Chanthaweethip (Institut-Mines Télécom SudParis, Thailand), Xiao Han (Institut Telecom, Telecom SudParis, P.R. China), Noel Crespi (Institut Mines-Télécom, Télécom SudParis, France), Yuanfang Chen (Institut Mines-Telecom, Telecom SudParis, France), Reza Farahbakhsh (Institut Mines-Telecom, Telecom Sud-Paris & Paris VI, France), Angel Cuevas (Universidad Carlos III de Madrid, Spain)	3188
<i>Exploring Structural Analysis of Place Networks Using Check-In Signals</i> Xiang Ding (University of Massachusetts, Lowell, USA), Jing Xu (University of Massachusetts Lowell, USA), Guanling Chen (University of Massachusetts Lowell, USA)	3194

GC13 SPC: Globecom 2013 - Signal Processing for Communications Symposium

Cognitive Radio

<i>Large Deviation Solution For Cooperative Spectrum Sensing with Diversity Analysis</i> Dongliang Duan (University of Wyoming, USA), Liuqing Yang (Colorado State University, USA), Louis Scharf (Colorado State, USA), Shuguang Cui (Texas A&M University, USA)	3200
<i>Cognitive Radio Spectrum Prediction Using Dictionary Learning</i> Seung-Jun Kim (University of Minnesota, USA), Georgios B. Giannakis (University of Minnesota, USA)	3206
<i>Joint Estimation Based Spectrum Sensing for Cognitive Radios in Time-Variant Fading Channels</i> Bin Li (Beijing University of Posts and Telecommunications, P.R. China), Zheng Zhou (Beijing University of Posts and Telecommunications, P.R. China), Arumugam Nallanathan (King's College London, United Kingdom)	3212
<i>Spatial-Spectral Sensing using the Shrink & Match Algorithm in Asynchronous MIMO OFDM Signals</i> Saeed Bagheri (University of California, Davis, USA), Anna Scaglione (University of California, Davis, USA)	3218
<i>Impact of Primary User Activity on the Performance of Energy-Based Spectrum Sensing in Cognitive Radio Systems</i> Sara MacDonald (MITRE Corp., USA), Dimitrie Popescu (Old Dominion University, USA)	3224

Topics in Signal Processing for Communications (Interactive Session)

<i>Mitigating Primary User Emulation Attacks in Cognitive Radio Networks Using Advanced Encryption Standard</i> Ahmed Alahmadi (Michigan State University, USA), Mai Abdelhakim (Michigan State University, USA), Jian Ren (Michigan State University, USA), Tongtong Li (Michigan State University, USA)	3229
--	------

<i>Asynchronous Hybrid Maximum Likelihood Classification of Linear Modulations</i> Onur Ozdemir (Boston Fusion Corp., USA), Pramod Varshney (Syracuse University, USA), Wei Su (US Army RDECOM CERDEC, USA)	3235
<i>A New Predistortion Architecture with Sampling Clock Jitter Mitigation for Wideband Systems</i> Ying Liu (University of Electronic Science and Technology of China, P.R. China), Wensheng Pan (University of Electronic Science and Technology of China, P.R. China), Shihai Shao (University of Electronic Science and Technology of China, P.R. China), Youxi Tang (University of Electronic Science and Technology of China, P.R. China)	3241
<i>BF Design in Cognitive Relay Networks via Support Vector Machines</i> Min Lin (PLA University of Science and Technology, P.R. China), Jian Ouyang (Institute of Signal Processing and Transmission, Nanjing University of Posts and Telecommunications, P.R. China), Wei-Ping Zhu (Concordia University, Canada)	3247
<i>Beamforming for MIMO Gaussian Wiretap Channels with Imperfect Channel State Information</i> Chenxi Liu (University of New South Wales, Australia), Giovanni Geraci (University of New South Wales, Australia), Nan Yang (The University of New South Wales, Australia), Jinhong Yuan (University of New South Wales, Australia), Robert Malaney (University of New South Wales, Australia)	3253
<i>Relay Beamforming for MIMO Multi-Relay Networks with Imperfect Channel Estimation</i> Zijian Wang (Shanghai Jiaotong University, P.R. China), Wen Chen (Shanghai Jiao Tong University, P.R. China), Benoît Geller (ENSTA, France), Olivier Rioul (Telecom ParisTech, France)	3259
<i>Low Complexity Vector Precoding for Fast Fading MIMO Downlinks</i> Christos Masouros (University College London, United Kingdom), Mathini Sellathurai (Heriot-Watt University, United Kingdom), Tharmalingam Ratnarajah (The University of Edinburgh, United Kingdom)	3265
<i>Hexagonal Constellations for Small Cell Communication</i> Srinath Hosur (Texas Instruments, USA), Mohamed Mansour (TI, USA), June Chul Roh (Texas Instruments, Inc., USA)	3270
<i>A Case where Noise Increases the Secrecy Capacity of Wiretap Channels</i> Oussama Souihli (KDDI R&D Labs, Japan), Tomoaki Ohtsuki (Keio University, Japan)	3276
<i>A Novel Low-Power Filter Design via Reduced-Precision Redundancy for Voltage Overscaling Applications</i> Haoliang Li (University of Electronic Science and Technology of China, P.R. China), Jianhao Hu (University of Electronic Science and Technology of China (UESTC), P.R. China), Jienan Chen (University of Electronic and Technology of China, P.R. China)	3282

Channel Estimation and Equalization

<i>Novel Robust Transmitter Identification Technique for Digital Television Signals</i> Hsiao-Chun Wu (Louisiana State University, USA), Yiyan Wu (Communications Research Centre, Canada)	3288
<i>Novel Blind Encoder Identification of Reed-Solomon Codes with Low Computational Complexity</i> Hongting Zhang (Louisiana State University, USA), Hsiao-Chun Wu (Louisiana State University, USA), Hong Jiang (Bell Labs, USA)	3294
<i>Joint Angle and Delay Estimation for 2D Active Broadband MIMO-OFDM Systems</i> Yi Zhu (University of Kansas, USA), Lingjia Liu (University of Kansas, USA), Jianzhong Zhang (Samsung Telecommunications America, USA)	3300
<i>A new precoder design for precoding-based blind channel estimation for MIMO-OFDM systems</i> Song Noh (Purdue University, USA), Michael Zoltowski (Purdue University, USA)	3306
<i>Performance Analysis of Least Squares-based Multichannel Decision Feedback Equalization of Time-Varying Channels</i> Milutin Pajovic (Massachusetts Institute of Technology, USA), James Preisig (Woods Hole Oceanographic Institution, USA)	3312

Detection, Estimation and Localization

<i>Exploiting Transmitter I/Q Imbalance for Estimating the Number of Active Users</i> Hao Li (University of Western Ontario, Canada), Xianbin Wang (The University of Western Ontario, Canada), Yulong Zou (Nanjing University of Posts and Telecommunications, P.R. China)	3318
<i>Likelihood Adaptation of Particle Filter for Target Tracking using Wireless Sensor Networks</i> Yubin Zhao (Freie Universität Berlin, Germany), Yuan Yang (Freie Universität Berlin, Germany), Marcel Kyas (Freie University Berlin, Germany)	3323
<i>An Efficient Algorithm for Space-Time Block Code Classification</i> Yahia Eldemerdash (Memorial University of Newfoundland, Canada), Octavia A. Dobre (Memorial University of Newfoundland, Canada), Mohamed Marey (Memorial University, Canada), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece), Bruce Liao (DRDC, Canada)	3329
<i>A Smartphone Localization Algorithm Using RSSI and Inertial Sensor Measurement Fusion</i> William Wei-Liang Li (University of California, Santa Barbara, USA), Ronald A. Iltis (University of California, Santa Barbara, USA), Moe Win (Massachusetts Institute of Technology, USA)	3335
<i>Indoor Localization Using Visible Light and Accelerometer</i> Muhammad Yasir (University of South Australia, Australia), Siu-Wai Ho (University of South Australia, Australia), Badri N Vellambi (University of South Australia, Australia)	3341

Transceiver Design I

<i>Transmit Power Optimization for Full Duplex Decode-and-Forward Relaying</i> Bo Yu (Colorado State University, USA), Liuqing Yang (Colorado State University, USA), Xiang Cheng (Peking University, P.R. China), Rui Cao (Marvell Semiconductor Incorporation, USA)	3347
<i>Low Complexity Soft-Interference cancellation Turbo Equalization for MIMO Systems with Multilevel Modulations</i> Jingxian Wu (University of Arkansas, USA), Longbao Wang (Missouri University of Science and Technology, USA), Chengshan Xiao (Missouri University of Science and Technology, USA)	3353
<i>Maximizing Spectral Efficiency with Imperfect Channel Information in High Mobility Systems</i> Ning Sun (University of Arkansas, USA), Jingxian Wu (University of Arkansas, USA)	3359
<i>Joint Transceiver Design for Iterative MUD</i> Wei Han (Xi'an Jiaotong University, P.R. China), Qinye Yin (Xi'an Jiaotong University, P.R. China), Wenjie Wang (Xi'an Jiaotong University, P.R. China), Jiancun Fan (Xi'an Jiaotong University, P.R. China), Ang Feng (Xi'an Jiaotong University, P.R. China)	3365
<i>Near-Optimal Low Complexity Receiver Design for Diffusion-based Molecular Communication</i> Hung-Jui Chiu (National Taiwan University, Taiwan), Ling-San Meng (National Taiwan University, Taiwan), Ping-Cheng Yeh (National Taiwan University, Taiwan), Chia-Han Lee (Academia Sinica, Taiwan)	3372

Transceiver Design II

<i>Multipath Grouping for Millimeter-Wave Communications</i> Zhenyu Xiao (Beihang University, P.R. China), Xiang-Gen Xia (University of Delaware, USA), Depeng Jin (Tsinghua University, P.R. China), Ning Ge (Tsinghua University, P.R. China)	3378
<i>Self-Interference Cancellation with Phase Noise Induced ICI Suppression for Full-Duplex Systems</i> Elsayed Ahmed (University of California, Irvine, USA), Ahmed M. Eltawil (University of California, Irvine, USA), Ashutosh Sabharwal (Rice University, USA)	3384
<i>Low Coherence Compressed Channel Estimation for High Mobility MIMO OFDM Systems</i> Xiang Ren (Shanghai Jiao Tong University, P.R. China), Wen Chen (Shanghai Jiao Tong University, P.R. China), Zijian Wang (Shanghai Jiaotong University, P.R. China)	3389

<i>Robust MIMO Precoding for the Schatten Norm Based Channel Uncertainty Sets</i> Jiaheng Wang (Southeast University, P.R. China), Mats Bengtsson (KTH Royal Institute of Technology, Sweden), Björn Ottersten (KTH Royal Institute of Technology, Sweden), Daniel P Palomar (Hong Kong University of Science and Technology, Hong Kong)	3394
<i>Theoretical Performance Limits for Compressive Sensing with Random Noise</i> Junjie Chen (University of Texas at Arlington, USA), Qilian Liang (University of Texas at Arlington, USA)	3400

Distributed/Cooperative Signal Processing I

<i>Cooperative Data Dissemination via Space-Time Network Coding in Vehicular Networks</i> Xia Shen (Peking University, P.R. China), Rongqing Zhang (Peking University, P.R. China), Xiang Cheng (Peking University, P.R. China), Liuqing Yang (Colorado State University, USA), Bingli Jiao (Peking University, P.R. China)	3406
<i>On the Stability of Scheduling Algorithms for Network Navigation</i> Tianheng Wang (MIT, USA), Yuan Shen (Massachusetts Institute of Technology, USA), Moe Win (Massachusetts Institute of Technology, USA)	3412
<i>Distributed Componentwise EM Algorithm for Mixture Models in Sensor Networks</i> Jia Yu (University of Edinburgh, United Kingdom), Pei-Jung Chung (The University of Edinburgh, United Kingdom)	3418
<i>MIMO Interference Cancellation via Network Formation Game</i> Tong Zhou (University of Maryland, USA), Yan Chen (University of Maryland, College Park, USA), Ray Liu (, USA)	3423
<i>Distributed soft thresholding for sparse signal recovery</i> Chiara Ravazzi (Politecnico di Torino, Italy), Sophie Fosson (Politecnico di Torino, Italy), Enrico Magli (Politecnico di Torino, Italy)	3429

Distributed/Cooperative Signal Processing II

<i>Alternate Transmission with Half-Duplex Relaying in MIMO Interference Relay Networks</i> Seong-Ho Park (Korea University, Korea), Young-Chai Ko (Korea University, Korea), Ki-Hong Park (King Abdullah University of Science and Technology (KAUST), Saudi Arabia), Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)	3435
<i>Fast Open-Loop Synchronization for Cooperative Distributed Beamforming</i> Ning Xie (Shenzhen University, P.R. China), Xu Bao (Shenzhen University, P.R. China), Athina Petropulu (Rutgers, The State University of New Jersey, USA), Hui Wang (Shenzhen University, P.R. China)	3441
<i>Frequency Scheduling Based Interference Alignment for Cognitive Radio Networks</i> Nan Zhao (Dalian University of Technology, P.R. China), Tianyi Qu (Dalian University of Technology, P.R. China), Hongjian Sun (Durham University, United Kingdom), Arumugam Nallanathan (King's College London, United Kingdom), Hongxi Yin (Dalian University of Technology, P.R. China)	3447
<i>Second-Order Cone Programming For Robust Downlink Beamforming With Imperfect CSI</i> Mati Tshangini (Kings College, United Kingdom), Mohammad Reza Nakhai (King's College London, United Kingdom)	3452
<i>Effect of Imperfect Channel State Information on the Performance of Cognitive Multihop Relay Networks</i> Vo Nguyen Quoc Bao (Posts and Telecommunications Institute of Technology, Vietnam), Trung Q. Duong (Queen's University Belfast, United Kingdom), Arumugam Nallanathan (King's College London, United Kingdom), Chinthia Tellambura (University of Alberta, Canada)	3458

Multi-antenna and Multi-user Systems

<i>Blind Interference Alignment in the K-User MISO Interference Channel</i> Yi Lu (The University of New South Wales, Australia), Wei Zhang (The University of New South Wales, Australia)	3464
<i>Robust Interference Management via Outage-Constrained Downlink Beamforming in Multicell Networks</i> Saba Nasser (King's COLLEGE LONDON, United Kingdom), Mohammad Reza Nakhai (King's College London, United Kingdom)	3470
<i>Multimode Precoding in Millimeter Wave MIMO Transmitters with Multiple Antenna Sub-Arrays</i> Omar El Ayach (Qualcomm Research, USA), Robert Heath (The University of Texas at Austin, USA), Sridhar Rajagopal (Samsung Electronics, USA), Zhouyue Pi (Samsung Research America, USA)	3476
<i>Limited Feedback Design for the Spatially Correlated Multi-Antenna Broadcast Channel</i> Junil Choi (Purdue University, USA), Vasanthan Raghavan (Qualcomm, Inc., USA), David Love (Purdue University, USA)	3481
<i>A Nullspace-Based Precoder with Subspace Expansion for Radar/Communications Coexistence</i> Alireza Babaei (CableLabs, USA), Bill Tranter (Virginia Tech, USA), Tamal Bose (University of Arizona, USA)	3487

OFDM

<i>Joint Reduction of Out-of-Band Power and Peak-to-Average Power Ratio for Non-Contiguous OFDM Systems</i> Yanqing Liu (Baylor University, USA), Liang Dong (Baylor University, USA), Robert J. Marks (Baylor University, USA)	3493
<i>Semi-Blind MIMO OFDM Systems with Precoding Aided CFO Estimation and ICA Based Equalization</i> Yufei Jiang (University of Liverpool, United Kingdom), Xu Zhu (University of Liverpool, United Kingdom), Eng Gee Lim (Xi'an Jiaotong-Liverpool University, P.R. China), Hai Lin (Osaka Prefecture University, Japan), Yi Huang (University of Liverpool, United Kingdom)	3499
<i>A Novel Algorithm for Rate/Power Allocation in OFDM-based Cognitive Radio Systems with Statistical Interference Constraints</i> Ebrahim Bedeer (Memorial University of Newfoundland, Canada), Octavia A. Dobre (Memorial University of Newfoundland, Canada), Mohamed Hossam Ahmed (Memorial University, Canada), Kareem E. Baddour (Communications Research Centre, Canada)	3504
<i>Practical Out-of-Band Interference Reduction for OFDM Systems</i> Ahmed Selim (Trinity College, Dublin, Ireland), Linda Doyle (Trinity College Dublin, Ireland)	3510
<i>Maximum-Likelihood Detection Performance of Uncoded OFDM in Impulsive Noise</i> Ahmed Mahmood (National University of Singapore, Singapore), Mandar Chitre (National University of Singapore, Singapore), Marc Armand (National University of Singapore, Singapore)	3516

GC13 WC: Globecom 2013 - Wireless Communications Symposium

Small Cells

<i>Distributed Interference Coordination Based on Energy-efficient Game in HSPA HetNet</i> Chi Zhang (Beijing University of Posts and Telecommunications, P.R. China), Yuan Zhuang (Beijing University of Posts and Telecommunications, P.R. China), Ying Xu (Beijing University of Posts and Telecommunications, P.R. China), Chang Yongyu (Beijing University of Posts & Telecommunications, P.R. China), Dacheng Yang (Beijing University of Posts and Telecommunications, P.R. China)	3522
--	------

<i>Access Strategy and Dynamic Downlink Resource Allocation for Femtocell Networks</i>	
Zhefeng Jiang (Auburn University, USA), Shiwen Mao (Auburn University, USA)	3528
<i>Approximation Caching and Routing Algorithms for Massive Mobile Data Delivery</i>	
Konstantinos Poularakis (University of Thessaly, Greece), George Iosifidis (CERTH, Greece), Leandros Tassioulas (University of Thessaly, Greece)	3534
<i>Outage Constrained Joint Precoding for D2D Underlay Cellular Networks</i>	
Huan Tang (University of California, Davis, USA), Zhi Ding (UC Davis, USA), S. J. Ben Yoo (University of California, Davis, USA), Jyri Hämäläinen (Aalto University, Finland)	3540
<i>Cloud Cell: Paving the way for Edgeless Networks</i>	
Rakesh Taori (Samsung Research America, USA), Youngbin Chang (Samsung Electronics Co., Ltd, Korea), Hyunjeong Kang (Samsung, Korea), Sangkyu Baek (Samsung Electronics, Korea), Yeongmoon Son (Samsung Electronics, Korea), Jungshin Park (Samsung Electronics, Korea)	3546

Physical Layer Network Coding & Amplify-and-Forward

<i>Sum MSE Minimization for Multipoint-to-Multipoint MIMO AF Relay Systems</i>	
Hyun-Joo Choi (Korea, Korea), Changick Song (Imperial College London, United Kingdom), Haewook Park (Korea University, Korea), Inkyu Lee (Korea University, Korea)	3553
<i>Energy-Efficient Relay Selection and Optimal Power Allocation for Performance-constrained Dual-hop Variable-gain AF Relaying</i>	
Ammar Zafar (King Abdullah University of Science and Technology (KAUST), Saudi Arabia), Redha M Radaydeh (Alfaisal University, Saudi Arabia), Yunfei Chen (University of Warwick, United Kingdom), Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)	3559
<i>Performance Analysis of Amplify-and-Forward Relaying With Optimum Combining in the Presence of Co-Channel Interference</i>	
Navod Suraweera (University of Alberta, Canada), Norman Beaulieu (University of Alberta, Canada)	3565
<i>Outage Probability of Space-Time Network Coding with Amplify-and-Forward Relays</i>	
Ke Xiong (Beijing Jiaotong University, P.R. China), Tao Li (Tsinghua University, P.R. China), Pingyi Fan (Tsinghua University, P.R. China), Zhangdui Zhong (Beijing Jiaotong University, P.R. China), Khaled B. Letaief (The Hong Kong University of Science and Technology, Hong Kong)	3571
<i>Multisource Buffer-Aided Relay Networks: Adaptive Rate Transmission</i>	
Toufiqul Islam (University of British Columbia, Canada), Aissa Ikhlef (Toshiba Research Europe Limited, United Kingdom), Robert Schober (University of British Columbia, Canada), Vijay Bhargava (University of British Columbia, Canada)	3577

OFDM and Multiple Access

<i>An Interference Cancellation Scheme for The Multiuser TRDMA Uplink System</i>	
Feng Han (QUALCOMM RESEARCH, USA), K. J. Ray Liu (University of Maryland, USA)	3583
<i>An Efficient Cross Layer Design for OFDMA-Based Wireless Networks with Channel Reuse</i>	
Rozita Rashtchi (Carleton University, Canada), Ramy Gohary (Carleton University, Canada), Halim Yanikomeroglu (Carleton University, Canada)	3589
<i>New Statistical Studies on OFDM-QAM Peak-to-Mean-Envelope-Power Ratio</i>	
Scott CH Huang (National Tsing Hua University, Taiwan), Hsiao-Chun Wu (Louisiana State University, USA), Youde Wu (National Tsing Hua University, Taiwan)	3596
<i>Analysis of Phase Noise in Vector OFDM Systems</i>	
Ibo Ngeban (Zhejiang University, P.R. China), Yabo Li (Zhejiang University, P.R. China), Xiang-Gen Xia (University of Delaware, USA), Sami Ahmed (Zhejiang University, P.R. China), Minjian Zhao (Zhejiang University, P.R. China)	3602

<i>A Highly Efficient Multi-Carrier Transmission Scheme with Message-Driven Idle Subcarriers</i> Tianlong Song (Michigan State University, USA), Tongtong Li (Michigan State University, USA)	3608
--	------

Multicell Cooperation and Interference Channels

<i>A New Beamforming Design Based on Random Matrix Theory for Weighted Sum-Rate Maximization in Interference Channels</i> Sang-Rim Lee (Korea University, Korea), Han-Bae Kong (Korea University, Korea), Haewook Park (Korea University, Korea), Inkyu Lee (Korea University, Korea)	3614
<i>Distributed Dynamic SINR Pricing for Multi-Cell Beamforming with Limited Backhaul Signaling</i> Yansong Xu (Shanghai Jiao Tong University, P.R. China), Chen He (Shanghai Jiaotong University, P.R. China), Lingge Jiang (Shanghai Jiao Tong University, P.R. China), Jie Li (ZTE Corporation, P.R. China)	3620
<i>Coordinated Resource Allocation in Centralized Radio Access Networks with Dynamic Downlink/Uplink Reconfiguration</i> Dalin Zhu (NEC Laboratories China, P.R. China), Ming Lei (NEC Laboratories China, P.R. China), Andrea Goldsmith (Stanford University, USA)	3625
<i>Analysis of Multi-Cell Downlink Cooperation with a Constrained Spatial Model</i> Salvatore Talarico (West Virginia University, USA), Matthew Valenti (West Virginia University, USA), Don Torrieri (US Army Research Laboratory, USA)	3631
<i>Linear Precoder Designs over MIMO Interference Channels with Finite-Alphabet Inputs</i> Yongpeng Wu (University of Erlangen-Nuremberg, Germany), Chengshan Xiao (Missouri University of Science and Technology, USA), Xiqi Gao (Southeast University, P.R. China), John D. Matyjas (Air Force Research Laboratory, USA), Zhi Ding (University of California at Davis, USA)	3637

Channel Coding, ARQ, and Power Allocation

<i>Full-Diversity Precoding Design of Bit-Interleaved Coded Multiple Beamforming with Orthogonal Frequency Division Multiplexing</i> Boyu Li (RF DSP Inc., USA), Ender Ayanoglu (University of California, Irvine, USA)	3643
<i>Symbol-Level Combining for Hybrid ARQ on Interference-Aware Successive Decoding</i> Hyukjoon Kwon (Samsung US R&D Center, USA), Jungwon Lee (Samsung US R&D Center, USA), Inyup Kang (Samsung Electronics, USA)	3650
<i>Optimal Power Allocation over Multiple Identical Gilbert-Elliott Channels</i> Jiaming Li (Shanghai Jiao Tong University, P.R. China), Junhua Tang (Shanghai Jiao Tong University, P.R. China), Bhaskar Krishnamachari (University of Southern California, USA)	3655
<i>A New Stopping Criterion for Fast Low-Density Parity-Check Decoders</i> Tian Xia (Louisiana State University, USA), Hsiao-Chun Wu (Louisiana State University, USA), Scott CH Huang (National Tsing Hua University, Taiwan)	3661
<i>Channel Coding Over Finite Transport Blocks in Modern Wireless Systems</i> Cenk Sahin (University of Kansas, USA), Lingjia Liu (University of Kansas, USA), Erik S. Perrins (University of Kansas, USA)	3667

Millimeter Wave and Device-to-Device Communications

<i>Optimal Resource Allocation for Device-to-Device Communications in Fading Channels</i> Daquan Feng (University of Electronic Science and Technology of China, P.R. China), Lu Lu (Georgia Institute of Technology, USA), Yi Yuan-Wu (Orange Labs, France), Geoffrey Li (Georgia Tech, USA), Gang Feng (University of Electronic Science and Technology of China, P.R. China), Shaoqian Li (University of Electronic Science and Technology of China, P.R. China)	3673
<i>Beamspace MIMO for High-Dimensional Multiuser Communication at Millimeter-Wave Frequencies</i> Akbar Sayeed (University of Wisconsin-Madison, USA), John Brady (University of Wisconsin-Madison, USA)	3679
<i>Tens of Gbps Support with mmWave Beamforming Systems for Next Generation Communications</i> Taeyoung Kim (Samsung Electronics, Korea), Jeongho Park (Samsung Electronics, Korea), Ji-Yun Seol (Samsung Electronics, Korea), Suryong Jeong (Samsung Electronics, Korea), Jaeweon Cho (Samsung Electronics Co., Ltd., Korea), Wonil Roh (Samsung Electronics, Korea)	3685
<i>Interference Aware Node Activation for Wireless Ad Hoc Networks</i> Sunho Park (Korea University, Korea), Byungju Lee (Korea University, Korea), Byonghyo Shim (Korea University, Korea)	3691
<i>High-Throughput Beamforming Receiver for Millimeter Wave Mobile Communication</i> Bei Yin (Rice University, USA), Shadi Abu-Surra (Samsung Research America – Dallas, USA), Gary Xu (Samsung Telecommunications America, USA), Thomas Henige (Samsung Telecommunications America, USA), Eran Pisek (Samsung Telecommunications America, USA), Zhouyue Pi (Samsung Research America, USA), Joseph R. Cavallaro (Rice University, USA)	3697

OFDM

<i>EESM-based Link Adaptation in OFDM: Modeling and Analysis</i> Jobin Francis (Indian Institute of Science, India), Neelesh B. Mehta (Indian Institute of Science, India)	3703
<i>An Efficient Blind Detection Algorithm for OFDM Systems in Selective Fading Channels</i> Ming-Xian Chang (Nation Cheng-Kung University, Taiwan), Liang-Hui Lin (National Cheng-Kung University, Taiwan)	3709
<i>Two-Path Transmission Framework for ICI Reduction in OFDM Systems</i> Miaowen Wen (Peking University, P.R. China), Xiang Cheng (Peking University, P.R. China), Liuqing Yang (Colorado State University, USA), Bingli Jiao (Peking University, P.R. China)	3716
<i>Peak-to-Average Power Reduction by Rotation of the Time-Frequency Representation</i> C. Willem Korevaar (University of Twente, The Netherlands), Pieter-Tjerk de Boer (University of Twente, The Netherlands), Andre Kokkeler (University of Twente, The Netherlands), Gerard Smit (University of Twente, The Netherlands)	3722

Broadband and Higher Frequency Systems

<i>Real Time Non-Coherent Synchronization Method in 6-10.6 GHz IR-UWB Demonstrator Chipset</i> Johannes H.C. van den Heuvel (Holst Centre / imec, The Netherlands), Hans Pflug (Holst Centre / imec, The Netherlands), Ananthakrishnan Ramkumar (TU Delft, The Netherlands), Alex Young (Holst Centre/imec, The Netherlands), Jac Romme (IMEC / Holst Centre, The Netherlands), Martijn Hijdra (Holst Centre / imec, The Netherlands), Benjamin Busze (Holst Centre / imec, The Netherlands), Arjan Breeschoten (Holst Centre / imec, The Netherlands), Gerard J.M. Janssen (Delft University of Technology, The Netherlands), Guido Dolmans (Holst Centre / IMEC-NL, The Netherlands), Kathleen Philips (IMEC / Holst Centre, The Netherlands), Harmke de Groot (Holst Centre/IMEC, The Netherlands)	3728
--	------

<i>Improvement of Bandwidth Efficiency for Ultraviolet Communication System Through M×N-ary Variable Width Period Modulation</i>	
Shengyang He (Harbin Institute of Technology, P.R. China), Guanghui Ren (Harbin Institute of Technology, P.R. China), Zhi Zhong (Harbin Engineering University, P.R. China)	3735
<i>Relaying in Fading Channels using Quantize and Encode Forwarding through Optical Wireless Links</i>	
Kuldeep Kumar (New Mexico State University, USA), Deva K. Borah (New Mexico State University, USA)	3741
<i>An energy-aware and scalable UWB impulse radio baseband supporting coherent reception</i>	
Benjamin Busze (Holst Centre / imec, The Netherlands), Alex Young (Holst Centre/imec, The Netherlands), Christian Bachmann (Holst Centre / imec, The Netherlands), Jing Cao (TU Delft, The Netherlands), Johannes H.C. van den Heuvel (Holst Centre / imec, The Netherlands), Martijn Hijdra (Holst Centre / imec, The Netherlands), Mario Konijnenburg (Holst Centre / imec, The Netherlands), Kathleen Philips (IMEC / Holst Centre, The Netherlands), Arjan Breeschoten (Holst Centre / imec, The Netherlands), Harmke de Groot (Holst Centre/IMEC, The Netherlands)	3748
<i>Multi-beam Antenna Combining for 28 GHz Cellular Link Improvement in Urban Environments</i>	
Shu Sun (NYU WIRELESS, USA), Theodore Rappaport (New York University, USA)	3754

Spectrum Sensing and Cognitive Networks

<i>Modeling Time-varying Aggregate Interference from Cognitive Radios and Implications on Primary Exclusive Zone Design</i>	
Mohd. Shabbir Ali (Indian Institute of Science, India), Neelesh B. Mehta (Indian Institute of Science, India)	3760
<i>Downlink Power Allocation Algorithm for Licence-exempt LTE Systems Using Kriging and Compressive Sensing Based Spectrum Cartography</i>	
Beeshanga Abewardana Jayawickrama (Macquarie University, Australia), Eryk Dutkiewicz (Macquarie University, Australia), Ian Oppermann (CSIRO, Australia), Markus Dominik Mueck (Intel Mobile Communications, Germany), Gengfa Fang (Macquarie University, Australia)	3766
<i>Rate Allocation Mechanisms for Multi-Class Service Transmission over Cognitive Radio Networks</i>	
S Shahrear Tanzil (The University of British Columbia, Canada), Md. Jahangir Hossain (Universtiy of British Columbia, Okanagan, Canada), Mohammad Mamunur Rashid (Intel Corporation, USA)	3772
<i>On the Efficiency of Wireless Networks With Partially Overlapping Channels</i>	
Khairi A. Hamdi (University of Manchester, United Kingdom), Mohammad Robot Mili (University of Manchester, United Kingdom)	3778
<i>Performance Analysis of Primary and Secondary Users in a Cognitive Multiple-Access Channel</i>	
Gozde Ozcan (Syracuse University, USA), M. Cenk Gursoy (Syracuse University, USA)	3784

Heterogeneous Networks

<i>Fast Muting Adaptation for LTE-A HetNets with Remote Radio Heads</i>	
Beatriz Soret (Nokia Solutions and Networks, Denmark), Klaus Pedersen (Nokia Siemens Networks, Denmark), Troels E. Kolding (Nokia Siemens Networks, Denmark), Hans Kröner (Nokia Siemens Networks, Germany), Ioannis Maniatis (Nokia Siemens Networks, Germany)	3790
<i>Rate Distribution in Heterogeneous Cellular Networks with Resource Partitioning and Offloading</i>	
Sarabjot Singh (The University of Texas at Austin, USA), Jeffrey Andrews (The University of Texas at Austin, USA)	3796
<i>Transmission Mode Selection in a Heterogeneous Network using Opportunistic Beamforming</i>	
Jiatian Liang (University of Melbourne, Australia), Feng Li (University of Melbourne, Australia), Brian Krongold (University of Melbourne, Australia), Jamie Evans (Monash University, Australia)	3802

<i>Coordinated Scheduling and Power Control for Downlink Cross-tier Interference Mitigation in Heterogeneous Cellular Networks</i>	
Doo-hyun Sung (University of Maryland, College Park, USA), Chenxi Zhu (University of Maryland - College Park, USA), John S. Baras (University of Maryland College Park, USA)	3809
<i>On/Off Macrocells and Load Balancing in Heterogeneous Cellular Networks</i>	
Qiaoyang Ye (The University of Texas at Austin, USA), Mazin Al-Shalash (Huawei, USA), Constantine Caramanis (The University of Texas at Austin, USA), Jeffrey Andrews (The University of Texas at Austin, USA)	3814

Cooperative Communications I: Performance Analysis

<i>Erasure Based Error Analysis with M-ary PSK Signaling for Cooperative Diversity Systems</i>	
Nithin Srinivasan (University of Southern California, USA), Mandha Damodaran Selvaraj (Indian Institute of Information Technology, Design and Manufacturing, India)	3820
<i>A low-latency and energy-efficient MAC protocol for cooperative wireless sensor networks</i>	
Duc-Long Nguyen (IRISA, University de Rennes 1, France), Le Quang Vinh Tran (CEA/Leti - Minatoc, France), Olivier Berder (IRISA, University of Rennes 1, France), Olivier Sentieys (IRISA, University of Rennes 1, France)	3826
<i>On the Ergodic Capacity of Cooperative-Diversity Networks with Decode-and-Forward Relaying over Nakagami-m Fading Channels</i>	
Xin Wang (University of Texas at Arlington, USA), Qilian Liang (University of Texas at Arlington, USA)	3832
<i>Performance Analysis of Bit-Cooperative Coded Modulation with Turbo Codes</i>	
Ji Zhao (Shanghai Jiao Tong University, P.R. China), Zhiyong Chen (Shanghai Jiao Tong University, P.R. China), Bin Xia (Shanghai Jiao Tong University, P.R. China), Manyuan Shen (Shanghai Jiao Tong University, P.R. China), Hui Liu (Shanghai JiaoTong University, P.R. China)	3838
<i>Two-Way Relay Networks Optimized for Rayleigh Fading Channels</i>	
Chen Zhi (University of Waterloo, Canada), Teng Joon Lim (National University of Singapore, Singapore), Mehl Motani (National University of Singapore, Singapore)	3843

Dense Wireless Networks, Coordination, and User Admission

<i>Uplink User Admission Under Sum and Per-User Power Constraints Using Convex Relaxation</i>	
Jian Zhao (Institute for Infocomm Research, Singapore), Tony Q. S. Quek (Singapore University of Technology and Design (SUTD), Singapore), Zander Zhongding Lei (Institute for Infocomm Research, Singapore)	3849
<i>CaSRA: An Algorithm for Cognitive Tethering in Dense Wireless Areas</i>	
Haleh Tabrizi (Stanford, USA), Golnaz Farhadi (Fujitsu Laboratories of America, USA), John Cioffi (Stanford University, USA)	3855
<i>Learning Perfect Coordination with Minimal Feedback in Wireless Multi-Access Communications</i>	
William Zame (University of California, Los Angeles, USA), Jie Xu (University of California, Los Angeles, USA), Mihaela van der Schaar (University of California, Los Angeles (UCLA), USA)	3861
<i>Performance Analysis of SDMA in Multicell Wireless Networks</i>	
Chang Li (Hong Kong University of Science and Technology, Hong Kong), Jun Zhang (The Hong Kong University of Science and Technology, Hong Kong), Khaled B. Letaief (The Hong Kong University of Science and Technology, Hong Kong)	3867
<i>A Framework for Spatial Reuse in Dense Wireless Areas</i>	
Haleh Tabrizi (Stanford, USA), Golnaz Farhadi (Fujitsu Laboratories of America, USA), John Cioffi (Stanford University, USA)	3873

Cooperative Communications II: Coding and Signal Design

<i>Receiver Design For Alternate-Relaying Cooperative Systems with Multiple Antennas at the Destination</i>	
Hala Mostafa (Memorial University of Newfoundland, Canada), Mohamed Hossam Ahmed (Memorial University, Canada), Octavia A. Dobre (Memorial University of Newfoundland, Canada)	3878
<i>Can Cooperation Reduce the Average Transmitted Power per Participating User?</i>	
Diomidis S. Michalopoulos (University of Erlangen-Nuremberg, Germany), Robert Schober (University of British Columbia, Canada)	3884
<i>Cooperative Relaying Schemes for Device-to-Device Communication Underlying Cellular Networks</i>	
Chuan Ma (Shanghai Jiao Tong University, P.R. China), Gaofei Sun (Shanghai Jiao Tong University, P.R. China), Xiaohua Tian (Shanghai Jiaotong University, P.R. China), Kai Ying (Shanghai Jiao Tong University, P.R. China), Hui Yu (Shanghai Jiao Tong University, P.R. China), Xinbing Wang (Shanghai Jiaotong University, P.R. China)	3890
<i>Cooperative Uplink Cellular Systems with Multi-Antenna Relays and Heterogeneous Users</i>	
Yi Zheng (Huawei Technology, Canada), Steven D Blostein (Queen's University, Canada)	3896

Full Duplex and Advanced MIMO

<i>Self-Interference Pricing for Full-Duplex MIMO Systems</i>	
Sean Huberman (McGill University, Canada), Tho Le-Ngoc (McGill University, Canada)	3902
<i>Joint Optimization of Stream Allocation and Beamforming and Combining Weights for the MIMO Interference Channel</i>	
Luis Miguel Cortés-Peña (Georgia Institute of Technology, USA), John Barry (Georgia Institute of Technology, USA), Douglas Blough (Georgia Institute of Technology, USA)	3907
<i>3D Beamforming Designs for Single User MISO Systems</i>	
Wookbong Lee (LG Electronics, Korea), Sang-Rim Lee (Korea University, Korea), Han-Bae Kong (Korea University, Korea), Inkyu Lee (Korea University, Korea)	3914
<i>"Make-It-Real" precoders for MIMO OFDM/OQAM without inter carrier interference</i>	
Dinh-Thuy Phan-Huy (Orange-France Telecom, France), Pierre Siohan (France Telecom, France), Maryline H�elard (INSA Rennes, France)	3920
<i>A Differential Scheme for Spatial Modulation</i>	
Yuyang Bian (Peking University, P.R. China), Miaowen Wen (Peking University, P.R. China), Xiang Cheng (Peking University, P.R. China), H. Vincent Poor (Princeton University, USA), Bingli Jiao (Peking University, P.R. China)	3925

Channel Measurement and Modeling I

<i>Channel Characteristics for Elevator Shafts at 5 GHz</i>	
David W Matolak (University of South Carolina, USA), Ruoyu Sun (University of South Carolina, USA)	3931
<i>Three-Dimensional Geometry-Based Stochastic Modeling and Performance of 4x4 Space-Polarization Mobile-to-Mobile Wideband MIMO Channels</i>	
Jun Chen (University of Notre Dame, USA), Thomas Pratt (University of Notre Dame, USA)	3936
<i>Path Loss Validation for Urban Micro Cell Scenarios at 3.5 GHz Compared to 1.9 GHz</i>	
Ignacio Rodriguez (Aalborg Universitet, Denmark), Huan Cong Nguyen (Aalborg University, Denmark), Niels J�orgensen (Aalborg University, Denmark), Troels B. S�orensen (Aalborg University, Denmark), Jan Elling (Telenor A/S, Denmark), Morten Gentsch (Telenor A/S, Denmark), Preben Mogensen (Nokia Siemens Networks, Aalborg, Denmark)	3942

<i>Path Loss Models for 5G Millimeter Wave Propagation Channels in Urban Microcells</i> George R MacCartney, Jr. (NYU WIRELESS, USA), Junhong Zhang (NYU WIRELESS, USA), Shuai Nie (NYU WIRELESS, USA), Theodore Rappaport (New York University, USA)	3948
---	------

Channel Measurement and Modeling II

<i>Interpolation Distortion in Large-Scale Parameter Maps for Wireless System Simulation</i> John S Sadowsky (Broadcom Corp., USA), Sirikiat Lek Ariyavitakul (Broadcom, USA), Kevin W. Lu (Broadcom, USA), Erik Stauffer (Broadcom Corp., USA), Jing Wang (University of Minnesota, USA), Leena Zacharias (Broadcom Corporation, USA)	3954
<i>Indoor Experiment of Multi-User MIMO User Selection Algorithm Based on Chordal Distance</i> Masato Taniguchi (Kyoto University, Japan), Hidekazu Murata (Kyoto University, Japan), Susumu Yoshida (Kyoto University, Japan), Koji Yamamoto (Kyoto University, Japan), Daisuke Umehara (Kyoto Institute of Technology, Japan), Satoshi Denno (Okayama University, Japan), Masahiro Morikura (Kyoto University, Japan)	3959
<i>Rough Surface Impact on Spatial Correlation: 30, 60 and 300 GHz</i> Asif Al Rasheed (Michigan Technological University, USA), Seyed (Reza) Zekavat (Michigan Technological University, USA)	3965
<i>Azimuth and Elevation Sectorization for the Stadium Environment</i> Roman Maslennikov (The University of Nizhny Novgorod, Russia), Alexey Trushanin (Lobachevsky State University of Nizhny Novgorod, Russia), Oleg Testov (Lobachevsky State University of Nizhny Novgorod, Russia), Maxim Vechkanov (Lobachevsky State University of Nizhny Novgorod, Russia), Anastasia Antipova (Lobachevsky State University of Nizhny Novgorod, Russia), Timothy A. Thomas (Nokia Solutions and Networks, USA), Amitava Ghosh (Nokia Solutions and Networks, USA), Eugene Visotsky (Nokia Siemens Networks, USA)	3971

Interference Alignment and Mitigation

<i>Pilot-Assisted Interference Alignment in Time-Selective Fading Channels</i> Ratheesh K. Mungara (Universitat Pompeu Fabra, Spain), Geordie George (Universitat Pompeu Fabra, Spain), Angel Lozano (Universitat Pompeu Fabra (UPF), Spain)	3977
<i>Null Space Learning In Cooperative MIMO Cellular Networks Using Interference Feedback</i> Alexandros Manolakos (Stanford University, USA), Yair Noam (Bar Ilan University, Israel), Andrea Goldsmith (Stanford University, USA)	3983
<i>Robust Per-Stream MSE Based Transceiver Design for MIMO Interference Channel</i> Qian Zhang (Shanghai Jiaotong University, P.R. China), Chen He (Shanghai Jiaotong University, P.R. China), Lingge Jiang (Shanghai Jiao Tong University, P.R. China), Jie Li (ZTE Corporation, P.R. China)	3990
<i>Interference Alignment via Controlled Perturbations</i> Hadi Ghauch (Royal Institute of Technology (KTH), Sweden), Taejoon Kim (City University of Hong Kong, Hong Kong), Mats Bengtsson (KTH Royal Institute of Technology, Sweden), Mikael Skoglund (KTH Royal Institute of Technology, Sweden)	3996
<i>Multi-Stream Sum-Rate-Maximizing Interference Alignment under Sparsity Constraints</i> Ahmed G Helmy (University of Texas at Dallas, USA), Ahmad Abdulrahman Gomaa (University of Texas at Dallas, USA), Ahmad Hedayat (Cisco Inc., USA), Naofal Al-Dhahir (University of Texas at Dallas, USA)	4002

Relaying I

<i>New Two-Hop Multiple Relay Protocol with H-ARQ in the Absence of a Direct Link</i> Bi Hong (KAIST, Korea), Wan Choi (KAIST, Korea), Chaehag Yi (Samsung Electronics, Korea)	4008
---	------

<i>A Transform-and-Forward Scheme for Relay Networks</i> Mohammad Z Bocus (Toshiba Research Europe Limited, United Kingdom), Gillian Huang (MStar Semiconductor Ltd, United Kingdom), Justin P Coon (University of Oxford, United Kingdom)	4014
<i>Distributed Alamouti Full-duplex Relaying Scheme with Direct Link</i> Mohaned Chraiti (University of Quebec at Montréal, Canada), Wessam Ajib (Université du Québec à Montréal, Canada), Jean-François Frigon (Ecole Polytechnique de Montreal and GERAD, Canada)	4020
<i>Performance of Switch-And-Examine DF Relay Systems with CCI at the Relays and Destination over Rayleigh Fading Channels</i> Anas M. Salhab (King Fahd University of Petroleum & Minerals, Saudi Arabia), Salam A. Zummo (KFUPM, Saudi Arabia)	4026

Wireless Applications and QoS

<i>Towards Video Packets Store-Carry-and-Forward Scheduling in Maritime Wideband Communication</i> Tingting Yang (Dalian Maritime University, P.R. China), Hao Liang (University of Waterloo, Canada), Nan Cheng (University of Waterloo, Canada), Sherman Shen (University of Waterloo, Canada)	4032
<i>QoS-driven Energy-Efficient Power Adaptation in a Multi-Channel Fading Communication Link</i> Suman Khakurel (McGill University, Canada), Tho Le-Ngoc (McGill University, Canada), Leila Musavian (Lancaster University, United Kingdom)	4038
<i>De Bruijn Sequences for Secure Scrambling at Long Term Evolution - Advanced Physical Layer</i> Chirag Warty (University of Mumbai, India), Sandeep Mattigiri (California State University, USA), Ennio Gambi (Università Politecnica delle Marche, Italy), Susanna Spinsante (Università Politecnica delle Marche, Italy)	4044
<i>Iterative Decoding for Uncompressed Wireless Video Transmission</i> Wei-Ting Lin (National Taiwan University, Taiwan), Wei-Chih Hung (National Taiwan University, Taiwan), Kuan-Yu Lin (National Taiwan University, Taiwan), Ping-Cheng Yeh (National Taiwan University, Taiwan)	4050
<i>Uncoded Bit Error Rate of eCall Modem Through AMR Codec and AWGN Channel</i> Jacob C Brandenburg (Wayne State University, USA), John Q. Liu (Wayne State University, USA)	4055

Relaying II

<i>Space-Division Approach for Multi-pair MIMO Two Way Relaying: A Principal-Angle Perspective</i> Haiyang Xin (The Chinese University of Hong Kong, Hong Kong), Xiaojun Yuan (The Chinese University of Hong Kong, Hong Kong), Soung Chang Liew (The Chinese University of Hong Kong, Hong Kong)	4061
<i>Optimal Power Control for Analog Bidirectional Relaying with Long-Term Relay Power Constraint</i> Zoran Hadzi-Velkov (Ss. Cyril and Methodius University, Macedonia, the former Yugoslav Republic of), Nikola Zlatanov (University of British Columbia, Canada), Robert Schober (University of British Columbia, Canada)	4068
<i>Partial Distributed Linear Convolutional Space-Time Coding for Two-Relay Full-Duplex Asynchronous Cooperative Networks with Cross-Talks</i> Yi Liu (Xidian University, P.R. China), Xiang-Gen Xia (University of Delaware, USA), Hailin Zhang (Xidian University, P.R. China)	4074
<i>Relay Selection and Discrete Power Control in Cognitive Relay Networks Using Learning Automata</i> Wei Zhong (College of Communications Engineering, PLAUST, P.R. China), Gang Chen (Institute of Communications Engineering, PLAUST, P.R. China), Shi Jin (Southeast University, P.R. China)	4080

Advanced Powering and Adaptation Approaches for Future Cellular Systems

<i>Throughput Maximization in Wireless Powered Communication Networks</i> Hyungsik Ju (National University of Singapore, Singapore), Rui Zhang (National University of Singapore, Singapore)	4086
<i>Wireless Information and Power Transfer in Multiuser OFDM Systems</i> Xun Zhou (National University of Singapore, Singapore), Rui Zhang (National University of Singapore, Singapore), Chin Keong Ho (Institute for Infocomm Research, A*STAR, Singapore)	4092
<i>Outage-based ergodic link adaptation for fading channels with delayed CSIT</i> Jung Hyun Bae (Samsung US R&D Center, USA), Jungwon Lee (Samsung US R&D Center, USA), Inyup Kang (Samsung Electronics, USA)	4098
<i>Transmit Covariance Optimization With a Constraint on User Electromagnetic Radiation Exposure</i> Dawei Ying (Purdue University, USA), David Love (Purdue University, USA), Bertrand Hochwald (Notre Dame University, USA)	4104
<i>Fundamentals of Base Station Availability in Cellular Networks with Energy Harvesting</i> Harpreet S Dhillon (University of Southern California, USA), Ying Li (Samsung Telecommunications America, USA), Pavan Nuggehalli (Broadcom, USA), Zhouyue Pi (Samsung Research America, USA), Jeffrey Andrews (The University of Texas at Austin, USA)	4110

LTE

<i>Radiometric Identification of LTE Transmitters</i> Frédéric Demers (Carleton University, Canada), Marc St-Hilaire (Carleton University, Canada)	4116
<i>Queue-Aware Optimal Resource Allocation for the LTE Downlink</i> Hussam Ahmed (Indian Institute of Technology Madras, India), Krishna P Jagannathan (Indian Institute of Technology Madras, India), Srikrishna Bhashyam (Indian Institute of Technology Madras, India)	4122
<i>Outage Probability Upper Bound for Multi-Class QoS in the Uplink of LTE Networks</i> Fatima Zohra Kaddour (Telecom Paristech, France), Philippe Martins (Telecom Paristech, France), Laurent Decreusefond (Telecom ParisTech, France), Emmanuelle Vivier (Institut Supérieur d'Electronique de Paris, France), Lina Mroueh (Institut Supérieur d'Electronique de Paris, France)	4129
<i>Distributed Beamforming in Multi-Cell Cooperative MIMO Cellular Networks with Non-Regenerative Relays: An LTE-Advanced Framework</i> Godfrey Okeke (University of Alberta, Canada), Witold A. Krzymień (University of Alberta / TRILabs, Canada), Yindi Jing (University of Alberta, Canada)	4135
<i>Practical Downlink Transmission Schemes for Future LTE Systems with Many Base-Station Antennas</i> Hooman Shirani-Mehr (Intel Corporation, USA), Masoud Sajadieh (Intel Corporation, USA), Qinghua Li (Intel Labs, USA)	4141

Massive MIMO

<i>When Does Asymptotic Orthogonality Exist for Very Large Arrays?</i> Jinhui Chen (Alcatel-Lucent Shanghai Bell, P.R. China)	4146
<i>On Scheduling for Massive Distributed MIMO Downlink</i> Qiang Sun (Nantong University, P.R. China), Shi Jin (Southeast University, P.R. China), Jue Wang (National Mobile Communications Research Laboratory, P.R. China), Yuan Zhang (Southeast University, P.R. China), Xiqi Gao (Southeast University, P.R. China), Kai Kit Wong (University College London, United Kingdom)	4151

<i>Power Scaling of Massive MIMO Systems with Arbitrary-Rank Channel Means and Imperfect CSI</i> Qi Zhang (Nanjing University of Posts and Telecommunications, P.R. China), Zhaohua Lu (ZTE Corporation, P.R. China), Shi Jin (Southeast University, P.R. China), Kai Kit Wong (University College London, United Kingdom), Hongbo Zhu (Nanjing University of Posts and Telecommunications, P.R. China), Michail Matthaiou (Queen's University Belfast, United Kingdom)	4157
<i>Downlink SINR Distribution in Multiuser Large Scale Antenna Systems with Conjugate Beamforming</i> Wence Zhang (Southeast University, P.R. China), Bo Du (Southeast University, P.R. China), Cunhua Pan (Southeast University, P.R. China), Ming Chen (Southeast University, P.R. China)	4163
<i>Graph Modulations for Massive MIMO Systems</i> Liang Hong (Tennessee State University, USA), Jingxian Wu (University of Arkansas, USA)	4169

Topics in Wireless Communications (Interactive Session)

<i>A Robust AMSE-minimization Game in Multicell Multiuser Wireless System</i> Yansong Xu (Shanghai Jiao Tong University, P.R. China), Chen He (Shanghai Jiaotong University, P.R. China), Lingge Jiang (Shanghai Jiao Tong University, P.R. China), Jie Li (ZTE Corporation, P.R. China)	4175
<i>Cubic Metric Reduction in OFDM Systems by Iterative Descendent Clipping and Filtering</i> Xiaodong Zhu (University of Electronic Science and Technoledge of China, P.R. China), Wensheng Pan (University of Electronic Science and Technology of China, P.R. China), Jinxiang Xia (University of Electronic Science and Technoledge of China, P.R. China)	4181
<i>Performance Analysis of Cooperative Transmission for Cognitive Wireless Relay Networks</i> Quoc-Tuan Vien (Middlesex University, United Kingdom), Huan X Nguyen (Middlesex University, United Kingdom), Orhan Gemikonakli (Middlesex University, United Kingdom), Balbil Barn (Middlesex University, United Kingdom)	4186
<i>Carrier Frequency Offset Estimation for Non-Contiguous OFDM Receiver in Cognitive Radio Systems</i> Jie Ding (Macquarie University, Australia), Eryk Dutkiewicz (Macquarie University, Australia), Xiaojing Huang (CSIRO Computational Informatics, Australia), Daiming Qu (Huazhong University of Science and Technology, Wuhan, Hubei, P.R. China), Tao Jiang (Huazhong University of Science and Technology, P.R. China)	4192
<i>Exploiting Receive Antenna Heterogeneity of Downlink Multiuser-MIMO in Wireless Networks</i> Qi Wang (University of Delaware, USA), Douglas Chan (CISCO, USA), Ahmad Reza Hedayat (Cisco Systems, USA)	4198
<i>Distributed Inter-Cluster Interference Management for CoMP-based cellular networks</i> Sandra Lagen (Universitat Politècnica de Catalunya, Spain), Adrian Agustin (Universitat Politècnica de Catalunya (UPC), Spain), Josep Vidal (Universitat Politècnica de Catalunya, Spain)	4204
<i>Multiuser MIMO Using Block Diagonalization: How Many Users Should be Served?</i> Wei Ding (Beijing University of Post and Telecommunications, P.R. China), Tiejun Lv (Beijing University of Posts and Telecommunications, P.R. China)	4210
<i>SINR-constrained Power Minimization in MISO Interference Channel with Imperfect CSI: A Bernstein Approximation Approach</i> Weiqiang Xu (Zhejiang Sci-Tech University, P.R. China), Xiaodong Wang (Columbia University, USA), Saleh Alshomrani (King Abdulaziz University, Saudi Arabia)	4216
<i>Space-Frequency Block Code for MIMO-OFDM Communication Systems with Reconfigurable Antennas</i> Vida Vakilian (Ecole Polytechnique de Montreal, Canada), Jean-François Frigon (Ecole Polytechnique de Montreal and GERAD, Canada), Sebastien Roy (University of Sherbrooke, Canada)	4221
<i>Switch-and-stay Combining for Two-way Relay Networks with Multiple Amplify-and-forward Relays</i> Xianfu Lei (Utah State University, USA), Rose Qingyang Hu (Utah State University, USA), Feifei Gao (Tsinghua University, P.R. China), Yi Qian (University of Nebraska-Lincoln, USA)	4226

<i>Cooperative Vehicular Ad-hoc Transmission for LTE-A MIMO-Downlink Using Amplify-and-Forward Relaying</i>	
Mohamed F. Feteiha (Queens University, Canada), Hossam S. Hassanein (Queen's University, Canada)	4232
<i>Network Modulation (NeMo)-aided OFDM Incremental Relay Systems</i>	
Sungeun Lee (Georgia Institute of Technology, USA), Xiaoli Ma (Georgia Institute of Technology, USA)	4238
<i>Adaptive Physical-Layer Network Coding in Two-Way Relaying with OFDM</i>	
Hongzhong Yan (University Of Saskatchewan, Canada), Ha Nguyen (University of Saskatchewan, Canada)	4244
<i>Wireless Broadcast with Physical-Layer Network Coding</i>	
Shen Feng (The Chinese University of Hong Kong, Hong Kong), Soung Chang Liew (The Chinese University of Hong Kong, Hong Kong)	4250
<i>On the Capacity Analysis of HetNets with Range Expansion and eICIC</i>	
Arvind Merwaday (Florida International University, USA), Sayandev Mukherjee (DOCOMO Innovations Inc., USA), Ismail Güvenç (Florida International University, USA)	4257
<i>Capacity Comparison between Dual-Polarized Antenna Systems and Omnidirectional Antenna Systems in 3-D Propagation Environments</i>	
Fengxiang Wang (Peking University, P.R. China), Xiang Cheng (Peking University, P.R. China), Xuefeng Yin (Tongji University, P.R. China), Bingli Jiao (Peking University, P.R. China)	4263
<i>Simultaneous Estimation of Multi-Relay MIMO Channels</i>	
Hani Mehrpouyan (California State University, USA), Steven D Blostein (Queen's University, Canada), Björn Ottersten (University of Luxembourg, Luxemburg)	4269
<i>Two-Way Interference-Limited AF Relaying over Nakagami-m Fading Channels</i>	
Ehsan Soleimani-Nasab (Graduate University of Advanced Technology, Iran), Michail Matthaiou (Queen's University Belfast, United Kingdom), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece), Mehrdad Ardebilipour (Khajeh Nasir university, Iran)	4275

Relay Technologies: Amplify-and-Forward

<i>Generalized Channel Inversion Methods for Multiuser Two-Way MIMO Relay Channels</i>	
Haibin Wan (GuangXi University, P.R. China), Wen Chen (Shanghai Jiao Tong University, P.R. China)	4282
<i>Dual-Hop OFDM Opportunistic AF Relaying Under Joint Transmit/Receive I/Q Imbalance</i>	
Mohamed Mokhtar (University of Texas at Dallas, USA), Alexandros-Apostolos A Boulogeorgos (Aristotle University of Thessaloniki, Greece), George K. Karagiannidis (Aristotle University of Thessaloniki, Greece), Naofal Al-Dhahir (University of Texas at Dallas, USA)	4287
<i>Outage Analysis of Opportunistic Amplify-and-Forward Cooperative Cellular Systems with Random Relays</i>	
Haichuan Ding (Beijing Institute of Technology, P.R. China), Guang-Hua Yang (The University of Hong Kong, Hong Kong), Shaodan Ma (University of Macau, P.R. China), Chengwen Xing (Beijing Institute of Technology, P.R. China), Zesong Fei (Beijing Institute of Technology, P.R. China), Feifei Gao (Tsinghua University, P.R. China)	4293
<i>Dual-hop Vs Multihop AF Relaying Systems</i>	
Samy S. Soliman (University of Alberta, Canada), Norman Beaulieu (University of Alberta, Canada)	4299

Channel and Location Estimation

<i>Channel Estimation and Feedback with Continuous Time Domain Parameters</i>	
Xiao-an Wang (Blue Mountain Wireless, Inc., USA), Stephen Wicker (Cornell University, USA)	4306

<i>Pilot Strategies for Trellis-based MIMO Channel Tracking and Data Detection</i> Yejian Chen (Alcatel-Lucent, Bell Laboratories, Germany), Stephan ten Brink (University of Stuttgart, Germany)	4313
<i>Estimation of Multiple Target Location in Multi-Path Wireless Systems</i> Junyang Shen (University of Southern California, USA), Andreas Molisch (University of Southern California, USA)	4319
<i>A Low-Cost and Robust Maximum Likelihood Doppler Spread Estimator</i> Faouzi Bellili (Institut national de la recherche scientifique, Canada), Sofiene Affes (INRS-EMT, Canada)	4325

Advanced Receiver Design

<i>Robust Low-Complexity Blind Frequency-Dependent I/Q Estimation and Compensation</i> Balachander Narasimhan (Mediatek USA Inc., USA), Charles Chien (Mediatek Inc., USA), Sheng-Hong Yan (Mediatek Inc., USA), Paul Liang (Mediatek Inc., Taiwan), Hc Hwang (Mediatek Inc., USA)	4331
<i>On the Performance of Interference-Aware Receiver in the Presence of Channel Estimation Error</i> Rizwan Ghaffar (Samsung US R&D Center, Canada), Pin-Han Ho (University of Waterloo, Canada), Anand Srinivasan (Carleton University, Canada), Khalim Amjad Meerja (Koneru Lakshmaiah University, India)	4337
<i>Capacity Gain From Receiver Cooperation for MIMO Broadcast Channels</i> Hongliang Mao (Tsinghua University, P.R. China), Wei Feng (Tsinghua University, P.R. China), Yukui Pei (Tsinghua University, P.R. China), Ning Ge (Tsinghua University, P.R. China)	4343
<i>SIC based Soft QRD Detection for Coded Single Carrier Block Transmission with Unique Word</i> Hongliang Mao (Tsinghua University, P.R. China), Wei Feng (Tsinghua University, P.R. China), Yukui Pei (Tsinghua University, P.R. China), Ning Ge (Tsinghua University, P.R. China)	4348

GC13 WN: Globecom 2013 - Wireless Networking Symposium

Simple And Backwards Compatible Layer-2 Routing For Multi-Technology Personal Area Networks	4353
<i>R. Campos, M. Ricardo</i>	
Information-Theoretic Study On Routing Path Selection In Two-Way Relay Networks	4360
<i>S. Wu, W. Mao, X. Wang</i>	
An Interest Community Routing Scheme For Opportunistic Networks	4366
<i>Q. Liu, C. Hu, Y. Li, W. Zhao, Y. Ma</i>	
Application-Aware Routing For Multi-Hop Cognitive Radio Networks With Channel Bonding	4372
<i>F. Ye, J. Zhou, Y. Qian, R. Hu</i>	
A QoS-Oriented Routing Game For Smart Meter Data Collection	4378
<i>Y. Cao, D. Duan, X. Cheng, L. Yang, J. Wei</i>	
Three-Dimensional Spatial Multiplexing For Directional Millimeter-Wave Communications In Multi-Cubicle Office Environments	4384
<i>Z. Shi, R. Lu, J. Chen, X. Shen</i>	
End-To-End Congestion Control In Multi-Hop Cognitive Radio Ad Hoc Networks: To Timeout Or Not To Timeout?	4390
<i>Y. Song, J. Xie</i>	
Performance Analysis Of Random Access Multi-User MIMO Wireless LANs	4396
<i>S. Wu, W. Mao, X. Wang</i>	
Modelling And Performance Analysis Of Different Access Schemes In Two-Tier Wireless Networks	4402
<i>X. Ge, J. Martinez-Bauset, V. Casares-Giner, B. Yang, J. Ye, M. Chen</i>	
JCEED: A Joint Channel Assignment And Routing Protocol For Minimizing Delay In MR-MC Wireless Networks	4408
<i>L. Zhou, X. Cao, Y. Cheng, H. Li</i>	
Vehicular Backbone Networking Protocol For Highway Broadcasting Using Directional Antennas	4414
<i>I. Rubin, Y. Lin, A. Baiocchi, F. Cuomo, P. Salvo</i>	
Adaptive Infection Recovery Schemes For Multicast Delay Tolerant Networks	4420
<i>B. Lorenzo, S. Glisic, L. Galluccio, Y. Fang</i>	
Efficient Multi-View 3D Video Multicast With Depth Image-Based Rendering In LTE Networks	4427
<i>Y. Chen, D. Yang, W. Liao</i>	
Channel Aware Rebuffering For Wireless Media Streaming With Handoff Control	4434
<i>L. Chow, B. Collins, N. Bambos, P. Dely, A. Kasser, C. Peylo, H. Einsiedler, N. Bayer</i>	
PeB: Periodic Broadcast For Information Distribution In Large Wireless Networks	4440
<i>L. Yao, X. Zou, J. Deng, S. Suthaharan</i>	
Relative Interpersonal-Influence-Aware Routing In Buffer Constrained Delay-Tolerant Networks	4446
<i>Z. Zhu, S. Liu, S. Du, X. Lin, H. Zhu</i>	
Reducing Latency Of Message Diffusion On Congested DTNs	4452
<i>Y. Teranishi, Y. Sawamura, K. Harumoto, S. Nishio</i>	
TLDTCA: A Distributed Approach To Meeting Heterogenous Connectivity Requirements To Sink In M2M Networks	4459
<i>X. Li, J. Cai, H. Chen, H. Zhang</i>	
Performance Analysis Of Device-To-Device Underlay Communication In Rician Fading Channels	4465
<i>Y. Li, J. Li, J. Jiang, M. Peng</i>	
An Efficient Prediction-Based Routing Protocol In Delay Tolerant Networks	4471
<i>H. Yue, H. Fu, L. Guo, Y. Fang, P. Lin</i>	
Channel Assignment and Opportunistic Spectrum Access in Two-tier Cellular Networks with Cognitive Small Cells	4477
<i>Dr. Hesham ElSawy, Prof. Ekram Hossain</i>	
Matching With Externalities For Context-Aware User-Cell Association In Small Cell Networks	4483
<i>F. Pantisano, M. Bennis, W. Saad, S. Valentin, M. Debbah</i>	
Local Mobility Anchoring For Seamless Handover In Coordinated Small Cells	4489
<i>R. Balakrishnan, I. Akyildiz</i>	
Uplink-Oriented Deployment Guidelines And Optimization In W-CDMA Heterogeneous Networks	4495
<i>S. Kucera, H. Claussen</i>	
Wi-Fi Or Femtocell: User Choice And Pricing Strategy Of Wireless Service Provider	4502
<i>Y. Chen, Q. Zhang</i>	

Packet Scheduling For On-Demand Data Services To High-Speed Trains Over Wireless Links	4507
<i>T. Chen, H. Shan, X. Wang</i>	
Cross-Layer Scheduling For Physical Layer Secrecy And Queue Stability In A Multi-User System	4513
<i>J. Wang, P. Huang, X. Wang, Y. Yang</i>	
A New Two-Level Scheduling Algorithm For The Downlink Of LTE Networks	4519
<i>J. Avocanh, M. Abdennebi, J. Ben-Othman</i>	
QoS-Oriented Distributed Opportunistic Scheduling For Wireless Networks With Hybrid Links	4524
<i>W. Mao, S. Wu, X. Wang</i>	
Delay Optimal Scheduling For Energy Harvesting Based Communications	4530
<i>J. Liu, H. Dai, W. Chen, Z. Cao</i>	
Protocols And Stability Analysis For Energy Harvesting TDMA Systems With/Without Relaying	4536
<i>I. Krikidis, G. Zheng, B. Ottersten</i>	
Adaptive Channel Allocation And Routing In Cognitive Radio Networks	4542
<i>Z. Shu, J. Zhou, Y. Qian, R. Hu</i>	
Sum Throughput Maximization In Polarized-MIMO Based Cooperative Cognitive Radio Networks	4548
<i>S. Wang, Q. Kong, Q. Zhang, Z. Zhou, B. Cao, Y. Wang, R. Lu</i>	
Exploiting Network Cooperation For Green Communications In Cognitive Radio Networks	4554
<i>Z. Dai, J. Liu, C. Wang, K. Long</i>	
Interference Mitigation And Resource Allocation In Cognitive Radio-Enabled Heterogeneous Networks	4560
<i>S. Wang, Q. Yang, W. Shi, C. Wang</i>	
Coding Based Multi-Hop Coordinated Reliable Data Transfer For Underwater Acoustic Networks: Design, Implementation And Tests	4566
<i>H. Mo, Z. Peng, Z. Zhou, M. Zuba, Z. Jiang, J. Cui</i>	
Throughput Improvement By Network Coding And Spatial Reuse In Wireless Mesh Networks	4572
<i>Z. Ning, Q. Song, L. Guo, A. Jamalipour</i>	
CoAOR: An Efficient Network Coding Aware Opportunistic Routing Mechanism For Wireless Mesh Networks	4578
<i>Q. Hu, J. Zheng</i>	
On Analysis Of Two-Way Relaying With Network-Coded ARQ	4584
<i>W. Guan, K. Liu</i>	
Joint Encoding And Node-Pair Grouping For Physical-Layer Network Coding	4590
<i>F. Huang, S. Wang, Q. Song, L. Guo, A. Jamalipour</i>	
Exploring Social Ties For Enhanced Device-To-Device Communications In Wireless Networks	4597
<i>Y. Zhang, L. Song, W. Saad, Z. Dawy, Z. Han</i>	
Towards TCP Optimization In Wireless Networks By A Frame Based Cross Layer Routing Metric	4603
<i>H. Xie, A. Boukerche, A. Loureiro</i>	
Privacy-Preserving Authentication Based On Group Signature For VANETs	4609
<i>X. Zhu, S. Jiang, L. Wang, H. Li, W. Zhang, Z. Li</i>	
Statistical QoS Guarantee For Wireless Multi-Homing Video Transmission	4615
<i>M. Ismail, W. Zhuang</i>	
Delay Analysis Of VeMAC Supporting Periodic And Event-Driven Safety Messages In VANETs	4621
<i>H. Omar, W. Zhuang, L. Li</i>	
Mobile Access Coordinated Wireless Sensor Networks - Topology Design And Throughput Analysis	4627
<i>M. Abdelhakim, J. Ren, T. Li</i>	
Resource Allocation Algorithm For Cognitive Radio Network With Heterogeneous User Traffic	4633
<i>A. Asheralieva, K. Mahata</i>	
Energy Efficient WiFi-Based Fingerprinting For Indoor Positioning With Smartphones	4639
<i>I. Bisio, F. Lavagetto, M. Marchese, A. Sciarone</i>	
DRX And QoS-Aware Energy-Efficient Uplink Scheduling For Long Term Evolution	4644
<i>O. Ergul, O. Yilmaz, A. Koc, O. Akan</i>	
An Energy-Efficient On-Demand Multicast Routing Protocol For Wireless Ad Hoc And Sensor Networks	4650
<i>J. Hao, G. Duan, B. Zhang, C. Li</i>	
Optimum Energy Efficient Communications For Hybrid ARQ Systems	4656
<i>G. Wang, J. Wu, Y. Zheng</i>	
Group Sparse Beamforming For Green Cloud Radio Access Networks	4662
<i>Y. Shi, J. Zhang, K. Letaiief</i>	
Cross-Layer Carrier Selection And Power Control For LTE-A Uplink With Carrier Aggregation	4668
<i>R. Zhang, M. Wang, Z. Zheng, X. Shen, L. Xie</i>	

Power-Efficient Resource Allocation For QoS Provisioning In Underwater MIMO-OFDM Acoustic Cooperative Wireless Networks	4674
<i>P. Wang, X. Zhang, M. Song</i>	
The Design Of Resource Management Mechanism With Hybrid Access In A Macro-Femto System	4679
<i>B. Niu, V. Wong</i>	
A Power Control Protocol to Maximize The Number of Common Available Channels Between Two Secondary Users In Cognitive Radio Networks	4686
<i>J. Li, J. Xie</i>	
Energy-Efficient Downlink Resource Allocation For Mobile Devices In Wireless Systems	4692
<i>Y. Yu, A. Pang, P. Hsiu, Y. Fang</i>	
Analysis Of Femtocell Coverage Fraction And Isolated Probability Using Stochastic Geometry	4699
<i>H. Zhang, J. Liu, Y. Jia, Y. Ma</i>	
Pairwise Error Probability Evaluation Of Cooperative Mobile Femtocells	4705
<i>M. Feteiha, M. Outqut, H. Hassanein</i>	
Autonomous Opportunistic Spectrum Access In Distributed Femtocell Networks	4711
<i>A. Khattab, K. Elsayed</i>	
A Preset Threshold Based Cross-Tier Handover Algorithm For Uplink Co-Channel Interference Mitigation In Two Tier Femtocell Networks	4717
<i>G. Chen, J. Zheng, L. Shen</i>	
A Load-Balancing Handoff Mechanism For Two-Tier Femtocell Networks: A Game Approach	4723
<i>C. Tseng, C. Wang, F. Kuo, H. Wang, K. Ting</i>	
Scattering Random-Access Intensity In LTE Machine-To-Machine (M2M) Communications	4729
<i>C. Chang, J. Chen, C. Chen, R. Jan</i>	
Subset-Sum Based Relay Selection For Multipath TCP In Cooperative LTE Networks	4735
<i>D. Zhou, W. Song, P. Ju</i>	
Enhanced ABSF Offsetting With Virtual Arbitrary Blanking Rate For Time Domain eICIC In LTE-Advanced*	4741
<i>M. Kamel, K. Elsayed</i>	
Dynamic Access Class Barring For M2M Communications In LTE Networks	4747
<i>S. Duan, V. Shah-Mansouri, V. Wong</i>	
A RED-Based Discard Strategy For Unacknowledged Mode RLC In LTE	4753
<i>Y. Zheng, Q. Yu, W. Meng, C. Li</i>	
The Impact Of Primary User Activity On The Performance Of Sequence-Based Rendezvous	4759
<i>J. Mistic, M. Rahman, V. Mistic</i>	
On The Duration Of Blackouts Due To Primary User Activity In Cognitive Networks	4764
<i>J. Mistic, V. Mistic</i>	
Optimal Guard-Band-Aware Channel Assignment With Bonding And Aggregation In Multi-Channel Systems	4769
<i>G. Uyanik, M. Rahman, M. Krunz</i>	
Distributed Bargaining Mechanisms For Multi-Antenna Dynamic Spectrum Access Systems	4775
<i>D. Nguyen, M. Krunz</i>	
Adaptive Service Function For System Reward Maximization Under Elastic Traffic Model	4781
<i>M. Javad, N. Olliaee, B. Hamdaoui, M. Guizani</i>	
Dynamic Relay Selection For MAC-Level Retransmission In Vehicular Ad Hoc Networks	4786
<i>B. Das, S. Misra, U. Roy, M. Obaidat</i>	
On Characterization Of The Traffic Hole Problem In Vehicular Ad-Hoc Networks	4792
<i>C. Song, J. Wu, M. Liu</i>	
Traffic Sign Detection, Recognition And Transmission System For Smart Vehicles	4798
<i>A. Mammeri, A. Boukerche, R. Wang, J. Feng</i>	
VANET Based Online Charging Strategy For Electric Vehicles	4804
<i>M. Wang, H. Liang, R. Deng, R. Zhang, X. Shen</i>	
Globally Optimizing Network Utility With Spatiotemporally-Coupled Constraint In Rechargeable Sensor Networks	4810
<i>R. Deng, Y. Zhang, S. He, J. Chen, X. Shen</i>	
A Robust Relay Placement Framework For 60GHz mmWave Wireless Personal Area Networks	4816
<i>G. Zheng, C. Hua, R. Zheng, Q. Wang</i>	
A Statistical Geometric Approach For Capacity Analysis In Two-Hop Relay Communications	4823
<i>X. Song, R. Zhang, J. Pan, J. Liu</i>	
Improving The Performance Of FiWi Networks Through Collaboration Between ONU And APs	4830
<i>K. Saito, H. Nishiyama, N. Kato, H. Ujikawa, K. Suzuki, N. Yoshimoto</i>	
A Packet Collision Model For PER Analysis In Smart Utility Networks	4835
<i>R. Ma, S. Han, S. Chen, H. Chen, W. Meng, C. Li</i>	

An Analytical Framework And Implementation Of Wireless Network Inference And Optimization	4841
<i>Y. Sagduyu, Y. Shi, A. Fanous, J. Li</i>	
Capacity-Optimized Topology Control For Cooperative Wireless Networks With Interference Cancellation.....	4847
<i>X. Ao, F. Yu, Q. Guan, S. Jiang, V. Leung</i>	
Performance Analysis Of Multi-Channel Multi-Source Message Delivery In ICMN.....	4853
<i>B. Yu, M. Ni, J. Pan</i>	
Interference Cancellation And Rate Maximization In Full-Duplex Cooperative Communications.....	4859
<i>P. Li, S. Guo, W. Zhuang</i>	
Energy-Aware Optimal Resource Allocation In MR-MC Wireless Networks	4865
<i>L. Liu, X. Cao, Y. Cheng</i>	
Resource Allocation In Central-Controlled Device-To-Device Communications Networks	4871
<i>H. Wang, J. Chen, Z. Liu</i>	
Optimal Predictive Resource Allocation: Exploiting Mobility Patterns And Radio Maps.....	4877
<i>H. Abou-Zeid, H. Hassanein, S. Valentin</i>	
Admission Control Strategies And QoS Evaluation Based On Mobility In LTE.....	4883
<i>S. Rejeb, N. Nasser, S. Tabbane</i>	
Ameliorating Cellular Traffic Peaks Through Preloading And P2P Communications.....	4889
<i>B. Proulx, J. Zhang</i>	
Why User Swapping Could Be The Best Coordination Mechanism In A Cellular Network?.....	4895
<i>D. Fooladivanda, C. Rosenberg</i>	
Device-To-Device (D2D) Communications Underlying MU-MIMO Cellular Networks.....	4902
<i>L. Wei, R. Hu, T. He, Y. Qian</i>	
A Cellular-Signal-Based Efficient Transmission-Scheduling Protocol For Smartphones.....	4908
<i>Z. Jiao, B. Zhang, R. Tian, J. hao, H. Huang, J. Ma</i>	
Centralized Rate Control Mechanism For Cellular-Based Vehicular Networks	4914
<i>S. Wang, L. Le, N. Zahariev, K. Leung</i>	
Ecology-Inspired Coexistence Of Heterogeneous Wireless Networks.....	4921
<i>K. Bian, J. Park, X. Du, X. Li</i>	
An Analysis Of Wireless Backhaul For Picocell Base Stations In Heterogeneous Networks.....	4927
<i>B. Shrestha, E. Hossain, K. Choi</i>	
Mobile Association For Heterogeneous Wireless Relay Networks With Statistical QoS Guarantees	4933
<i>X. Lei, X. Chen, R. Hu, G. Wu</i>	
An Algebraic Framework For Mobile Association In Wireless Heterogeneous Networks.....	4940
<i>L. Wei, Y. Xu, R. Hu, Y. Qian</i>	
Green-Energy Aware And Latency Aware User Associations In Heterogeneous Cellular Networks.....	4946
<i>T. Han, N. Ansari</i>	
A Geometrical Probability-Based Approach Towards The Analysis Of Uplink Inter-Cell Interference.....	4952
<i>M. Ahmadi, M. Ni, J. Pan</i>	
Coverage And Capacity Aware Cell Scaling In Green Cellular Networks.....	4958
<i>P. Huang, P. Chiang, W. Liao</i>	
A Mean-Field Game Approach For Distributed Interference And Resource Management In Heterogeneous Cellular Networks.....	4964
<i>A. Al-Zahrani, F. Yu, M. Huang</i>	
On The Design Of The Scheduling Algorithm For The Full Duplexing Wireless Cellular Network.....	4970
<i>X. Shen, X. Cheng, L. Yang, M. Ma, B. Jiao</i>	
X2-Interface-Based Location Management For Small Cell Networks	4976
<i>D. Pacheco-Paramo, I. Akyildiz, V. Casares-Giner</i>	
Cross-Layer Assisted TCP For Seamless Handoff In Heterogeneous Mobile Wireless Systems	4982
<i>H. Sinky, B. Hamdaoui</i>	
Reducing Handover Cost For LTE Femtocell/Macrocell Network	4988
<i>C. Lee, K. Huang, P. Lin, H. Su, C. Wang</i>	
The Unheralded Power Of Cloudlet Computing In The Vicinity Of Mobile Devices.....	4994
<i>Y. Le, W. Wang</i>	
Rateless-Coding-Assisted Multi-Packet Spreading Over Mobile Networks.....	5000
<i>H. Zhang, Z. Zhang, H. Dai</i>	
A Variation-Aware Approach For Task Allocation In Wireless Distributed Computing Systems.....	5006
<i>X. Ma, H. Volos, X. Zheng, J. Reed, T. Bose</i>	
MM-QoS For BAN: Multi-Level MAC-Layer QoS Design In Body Area Networks.....	5012
<i>M. Chen</i>	
RTS/FCTS Mechanism Based Full-Duplex MAC Protocol For Wireless Networks.....	5017
<i>W. Cheng, X. Zhang, H. Zhang</i>	

MAC Protocol Supporting Physical-Layer Network Coding With Overhearing	5023
<i>F. Wang, Q. Song, S. Wang, L. Guo, A. Jamalipour</i>	
Virtual Continuous CWmin Control Scheme Of WLAN	5029
<i>Y. Sangenya, F. Inoue, M. Morikura, K. Yamamoto, F. Nuno, T. Sugiyama</i>	
A Novel Theoretical Throughput Estimation Method For IEEE 802.11 WLANs	5035
<i>J. Choi, H. Lee, S. Choi, K. Lee</i>	
Author Index	