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# Program

## 2013 IEEE Globecom Workshops (GC Wkshps)

### GC13 WS - B4G: Globecom 2013 Workshop - Emerging Technologies for LTE-Advanced and Beyond-4G

#### Poster Session and Coffee Break

<i>Capacity Enhancement Through Opportunistic Activation of Relays in Cloud RAN Deployments</i> Stefan Geirhofer (Qualcomm Research, USA), Alan Barbieri (Qualcomm Inc., USA), Naga Bhushan (QUALCOMM, USA), Peter Gaal (Qualcomm, USA) .....	1
<i>Distributed Scheduling Achieves the Optimal Multiuser Diversity Gain for MIMO-Y Channel</i> Hui Gao (Beijing University of Posts and Telecommunications, P.R. China), Yuan Ren (Beijing University of Posts and Telecommunications, P.R. China), Chau Yuen (Singapore University of Technology and Design, Singapore), Tiejun Lv (Beijing University of Posts and Telecommunications, P.R. China) .....	7
<i>Distributed Interference Alignment with Limited Feedback for Cellular Networks</i> Jan Schreck (Technische Universität Berlin, Germany), Gerhard Wunder (Heinrich-Hertz-Institut, Germany), Peter Jung (TU-Berlin, Heinrich-Hertz-Chair for Mobile Communication Technology, Germany) .....	13
<i>OFDM Transmission Scheme for Asynchronous Two-Way Multi-Relay Cooperative Networks with Analog Network Coding</i> Xiaohua (Edward) Li (State University of New York at Binghamton, USA), Chengyu Xiong (State University of New York at Binghamton, USA), Jared Feldman (Air Force Research Laboratory, USA) .....	19
<i>FQAM: A Modulation Scheme for Beyond 4G Cellular Wireless Communication Systems</i> Sungham Hong (Samsung Electronics Co., Ltd., Korea), Min Sagong (Samsung Electronics Co., Ltd., Korea), Chiwoo Lim (Samsung Electronics Co., Ltd., Korea), Kyungwhoon Cheun (Samsung Electronics Co., Ltd., Korea), Sunghye Cho (POSTECH, Korea) .....	25
<i>Sector Offset Configuration with Static Vertical Beam-forming for LTE</i> David López-Pérez (Bell Labs Alcatel-Lucent, Ireland), Holger Claussen (Bell Labs, Alcatel-Lucent, Ireland), Lester Ho (Bell Labs, Alcatel-Lucent, Ireland) .....	31
<i>User Pairing and Power Allocation for Energy Efficient SC-FDMA Transmission with QoS Requirements</i> Michael A. Ruder (Friedrich-Alexander-University Erlangen-Nürnberg (FAU), Germany), Johannes Wechsler (University of Erlangen-Nürnberg, Germany), Wolfgang Gerstacker (University of Erlangen-Nuernberg, Germany) .....	37
<i>Large Scale Cooperation in Cellular Networks with Non-uniform User Distribution</i> Roya Ebrahim Rezagah (Tokyo Institute of Technology, Japan), Daisuke Matsuo (Tokyo Institute of Technology, Japan), Gia Khanh Tran (Tokyo Institute of Technology, Japan), Kei Sakaguchi (Osaka University, Japan), Kiyomichi Araki (Tokyo Institute of Technology, Japan), Satoshi Konishi (KDDI Corporation, Japan) .....	43
<i>Evolving LTE with Flexible Duplex</i> Wan Lei (Huawei Technology Ltd, P.R. China), Mingyu Zhou (Huawei Technologies Co. Ltd., P.R. China), Ronghui Wen (Huawei Technologies Co., Ltd., P.R. China) .....	49
<i>A Blind GLRT-Based Approach for OFDM Spectrum Sensing in the Presence of I/Q Imbalance</i> Ahmed ElSamadouny (University of Texas at Dallas, USA), Ahmad Abdulrahman Gomaa (University of Texas at Dallas, USA), Naofal Al-Dhahir (University of Texas at Dallas, USA) .....	55
<i>Multi-Beam Transmission Diversity with Hybrid Beamforming for MIMO-OFDM Systems</i> Chanhong Kim (Samsung Electronics, Korea), Taeyoung Kim (Samsung Electronics, Korea), Ji-Yun Seol (Samsung Electronics, Korea) .....	61

<i>System-Level Performance of Downlink NOMA for Future LTE Enhancements</i>	
Anass Benjebbour (NTT DoCoMo, Inc., Japan), Anxin Li (DOCOMO Beijing Communications Laboratories Co., Ltd, P.R. China), Yuya Saito (NTT DOCOMO, INC., Japan), Yoshihisa Kishiyama (NTT DOCOMO, INC., Japan), Atsushi Harada (NTT DOCOMO, Inc., Japan), Takehiro Nakamura (NTT DoCoMo, Inc., Japan)	66
<i>Interfering Channel Alignment and Degrees of Freedom for Downlink Multicell MIMO Networks</i>	
Wonjae Shin (Samsung Advanced Institute of Technology (SAIT), Korea), Jongbu Lim (Samsung Advanced Institute of Technology (SAIT), Korea), Changyong Shin (Samsung Advanced Institute of Technology (SAIT), Korea), Hyun-Ho Choi (Hankyong National University, Korea), KyungHun Jang (Samsung Advanced Institute of Technology (SAIT), Korea)	71
<i>Fuzzy Q-Learning for Mobility Robustness Optimization in Wireless Networks</i>	
Andreas Klein (University of Kaiserslautern, Germany), Nandish Kuruvatti (University of Kaiserslautern, Germany), Joerg Schneider (University of Kaiserslautern, Germany), Hans D. Schotten (University of Kaiserslautern, Germany)	76
<i>Detection of Spatial-Modulated Signals in the Presence of CSI Error and Time-Spatial Correlation</i>	
Hsuan-Cheng Chang (Institute of Communications Engineering, Nation Chiao Tung University, Taiwan), Yen-Cheng Liu (National Chiao Tung University, Taiwan), Yu T. Su (National Chiao Tung University, Taiwan)	82
<i>Mobility Self-Optimization in LTE Networks based on Adaptive Control Theory</i>	
Andrian Beletchi (Huawei Technologies Co., LTD., P.R. China), Fan Huang (Huawei Technologies Co., Ltd., P.R. China), Hongcheng Zhuang (Huawei Technologies Co., Ltd, P.R. China), Jietao Zhang (Huawei Technologies Co., Ltd., P.R. China)	87

## Session 1.1: mmWave

<i>Anchor-Booster Based Heterogeneous Networks with mmWave Capable Booster Cells</i>	
Qian (Clara) Li (Intel Corporation, USA), Huaning Niu (Intel, USA), Geng Wu (Intel Corporation, USA), Rose Qingyang Hu (Utah State University, USA)	93
<i>Fully-digital millimeter-wave receivers with low-resolution analog-to-digital converters</i>	
Nicola Belli (University of Padova, Italy), Nevio Benvenuto (University of Padova, Italy), Federico Boccardi (Alcatel-Lucent, Germany), Hardy Halbauer (Alcatel-Lucent Deutschland AG, Germany), Paolo Baracca (Alcatel-Lucent, Germany)	99
<i>Millimeter Wave Picocellular System Evaluation for Urban Deployments</i>	
Mustafa Akdeniz (New York University, USA), Yuanpeng Liu (Polytechnic Institute of New York University, USA), Sundeep Rangan (New York University, USA), Elza Erkip (Polytechnic Institute of NYU, USA)	105
<i>5G small cell optimized radio design</i>	
Preben Mogensen (Nokia Siemens Networks, Aalborg, Denmark), Kari Pajukoski (Nokia-Siemens Networks, Finland), Esa Tiirola (Nokia Siemens Networks, Finland), Eeva Lähetkangas (Nokia Siemens Networks, Finland), Jaakko Vihriala (Nokia Siemens Networks, Finland), Seppo Vesterinen (Nokia Siemens Networks, Denmark), Matti Laitila (Nokia Siemens Networks, Finland), Gilberto Berardinelli (Aalborg University, Denmark), Gustavo W. O. Costa (Aalborg University, Denmark), Luis Garcia (Aalborg University, Denmark), Fernando M. L. Tavares (Aalborg University, Denmark), Andrea F. Cattoni (Aalborg University, Denmark)	111
<i>Air Interface Design and Ray Tracing Study for 5G Millimeter Wave Communications</i>	
Stephen G Larew (Purdue University, USA), Timothy A. Thomas (Nokia Solutions and Networks, USA), Mark Cudak (NSN, USA), Amitava Ghosh (Nokia Solutions and Networks, USA)	117

## Large MIMO

<i>Multiuser Hybrid Analog/Digital Beamforming for Relatively Large-scale Antenna Arrays</i>	
Jian Geng (Beijing University of Posts and Telecommunications, P.R. China), Zaixue Wei (Beijing University of Posts and Telecommunications, P.R. China), Xianling Wang (Beijing University of Posts and Telecommunications, P.R. China), Wei Xiang (University of Southern Queensland, Australia), Dacheng Yang (Beijing University of Posts and Telecommunications, P.R. China) .....	123
<i>Antenna selection in measured massive MIMO channels using convex optimization</i>	
Xiang Gao (Lund University, Sweden), Ove Edfors (Lund University, Sweden), Jianan Liu (Lund University, Sweden), Fredrik Tufvesson (Lund University, Sweden) .....	129
<i>On Composite Channel Estimation in Wireless Massive MIMO Systems</i>	
Ko-Feng Chen (National Chiao Tung University, Taiwan), Yen-Cheng Liu (National Chiao Tung University, Taiwan), Yu T. Su (National Chiao Tung University, Taiwan) .....	135
<i>Zero-forcing Receiver in Uplink Massive MIMO</i>	
Yang Li (Samsung Research America, USA), Young-Han Nam (Samsung Telecommunications America, USA), Boon Loong Ng (Samsung Telecommunications America, USA) .....	140
<i>Coordinated Multipoint in Heterogeneous Networks: A Stochastic Geometry Approach</i>	
Gaurav Nigam (University of Notre Dame, USA), Paolo Minero (University of Notre Dame, USA), Martin Haenggi (University of Notre Dame, USA) .....	145

## M2M & D2D

<i>M2M massive wireless access: challenges, research issues, and ways forward</i>	
Andrea Zanella (University of Padova, Italy), Michele Zorzi (University of Padova, Italy), André Fonseca dos Santos (Bell Labs, Alcatel-Lucent, Germany), Petar Popovski (Aalborg University, Denmark), Nuno K Pratas (Aalborg University, Denmark), Čedomir Stefanović (Aalborg University, Denmark), Armin Dekorsy (University of Bremen, Germany), Carsten Bockelmann (University of Bremen, Germany), Bryan Busropan (TNO, The Netherlands), Toon Norp (TNO, The Netherlands) .....	151
<i>Performance evaluation of a tunnel sharing method for accommodating M2M communication to mobile cellular networks</i>	
Shun Sakurai (Osaka University, Japan), Go Hasegawa (Osaka University, Japan), Naoki Wakamiya (Osaka University, Japan), Takanori Iwai (NEC Corporation, Japan) .....	157
<i>Learning Relaying Strategies in Cellular D2D Networks with Token-Based Incentives</i>	
Nicholas Mastronarde (State University of New York at Buffalo, USA), Viral Patel (State University of New York at Buffalo, USA), Jie Xu (University of California, Los Angeles, USA), Mihaela van der Schaar (University of California, Los Angeles (UCLA), USA) .....	163

## Small Cells

<i>Interference Avoidance and Coordination for Small Cells in B4G Cellular Networks</i>	
Hyoungju Ji (Samsung Electronics. Co., Ltd, Korea), Aris Papasakellariou (Samsung Research America Dallas, USA), Hyo-Jin Lee (Samsung, Korea), Seunghoon Choi (Samsung Electronics. Co., Ltd, Korea), Youngbum Kim (Samsung Electronics Co. Ltd., Korea), Younsun Kim (Samsung Electronics Co., Ltd., Korea), Thomas Novlan (Samsung Telecom America, USA) .....	170
<i>Energy Reduction in Small Cell Networks by a Random On/Off Strategy</i>	
Haluk Celebi (Columbia University, USA), Nick Maxemchuk (Columbia University, USA), Yun Li (ChongQing University of Posts and Telecommunications of China, P.R. China), Ismail Güvenç (Florida International University, USA) .....	176
<i>Queue-aware Dynamic On/Off Switching of Small Cells in Dense Heterogeneous Networks</i>	
Amitav Mukherjee (Hitachi America Ltd, USA) .....	182

# GC13 WS - BigSecurity: Globecom 2013 Workshop - First International Workshop on Security and Privacy in Big Data

## Security and Privacy in Big Data

<i>Privacy Preserving Distributed Structure Learning of Probabilistic Graphical Models</i>	
Husheng Li (University of Tennessee, USA) .....	188
<i>Massive Distributed and Parallel Log Analysis For Organizational Security</i>	
Xiaokui Shu (Virginia Tech, USA), John Smiy (Virginia Tech, USA), Danfeng Yao (Virginia Tech, USA), Heshan Lin (Virginia Tech, USA) .....	194
<i>Conditional Disclosure of Encrypted Whitelists for DDoS Attack Mitigation</i>	
Giuseppe Bianchi (University of Rome "Tor Vergata", Italy), Hanieh Rajabi (University of Rome "Tor Vergata", Italy), Alberto Caponi (University of Rome "Tor Vergata", Italy), Giulio Picierro (University of Rome Tor Vergata, Italy) .....	200
<i>Modeling the Propagation of XSS Worm on Social Networks</i>	
Ying Zhao (Beijing University of Chemical Technology, P.R. China) .....	207
<i>Support Vector Machine Integrated with Game-Theoretic Approach and Genetic Algorithm for the Detection and Classification of Malware</i>	
Mikhail Zolotukhin (University of Jyväskylä, Finland), Timo Hämäläinen (University of Jyväskylä, Finland) .....	211
<i>Detection of Application Layer DDoS Attack with Clustering and Likelihood Analysis</i>	
Pawel Chwalinski (Middlesex University, United Kingdom), Roman Belavkin (Middlesex University, United Kingdom), Xiaochun Cheng (Middlesex University, United Kingdom) .....	217

## GC13 WS - BWA: Globecom 2013 Workshop - Broadband Wireless Access

### Novel PHY Techniques

<i>Universal-Filtered Multi-Carrier Technique for Wireless Systems Beyond LTE</i>	
Vida Vakilian (Ecole Polytechnique de Montreal, Canada), Thorsten Wild (Alcatel-Lucent Bell Labs, Germany), Frank Schaich (Bell Labs, Alcatel-Lucent AG, Germany), Stephan ten Brink (University of Stuttgart, Germany), Jean-François Frigon (Ecole Polytechnique de Montreal and GERAD, Canada) .....	223
<i>Zero-tail DFT-spread-OFDM signals</i>	
Gilberto Berardinelli (Aalborg University, Denmark), Fernando M. L. Tavares (Aalborg University, Denmark), Troels B. Sørensen (Aalborg University, Denmark), Preben Mogensen (Aalborg University, Denmark), Kari Pajukoski (Nokia-Siemens Networks, Finland) .....	229
<i>A Reduced Complexity Receiver for Multi-Carrier Faster-Than-Nyquist Signaling</i>	
Frank Schaich (Bell Labs, Alcatel-Lucent AG, Germany), Thorsten Wild (Alcatel-Lucent Bell Labs, Germany) .....	235
<i>IRA Code Design for IDMA-based Multi-Pair Bidirectional Relaying Systems</i>	
Florian Lenkeit (University of Bremen, Germany), Carsten Bockelmann (University of Bremen, Germany), Dirk Wübben (University of Bremen, Germany), Armin Dekorsy (University of Bremen, Germany) .....	241
<i>Compressed Sensing Soft Activity Processing for Sparse Multi-User Systems</i>	
Fabian Monsees (University of Bremen, Germany), Carsten Bockelmann (University of Bremen, Germany), Armin Dekorsy (University of Bremen, Germany) .....	247

## Novel MAC Techniques

<i>Incentive-Oriented Downlink Scheduling for Wireless Networks with Real-Time and Non-Real-Time Flows</i>	
I-Hong Hou (Texas A&M University, USA), Jing Zhu (Intel, USA), Rath Vannithamby (Intel, USA) .....	252
<i>Fighting Against Access Collision And Hidden Node Problem in Broadcast Scheme Of Wireless Ad Hoc Networks</i>	
Xianbo Chen (Broadcom Corporation, USA), Lih-feng Tsaur (University of Southern California, USA), Hazem Refai (Oklahoma University, USA), Xiaomin Ma (Oral Roberts University, USA) .....	258
<i>Throughput Optimal Flow Allocation on Multiple Paths for Random Access Wireless Multi-hop Networks</i>	
Manolis Ploumidis (University of Crete, Greece), Nikolaos Pappas (Linköping University, Sweden), Apostolos Traganitis (University of Crete, Greece) .....	263
<i>Optimal Fair Downlink Fractional Frequency Reuse for Cellular Wireless Networks</i>	
Hung-Bin Chang (University of California, Los Angeles, USA), Izhak Rubin (University of California at Los Angeles, USA) .....	269
<i>TRICS: A Distributed MAC Layer Scheduling Algorithm for Concurrent Transmissions in MIMO Wireless Mesh Networks</i>	
Muhammad Irfan Rafique (Chemnitz University of Technology, Germany) .....	275

## Poster Session - Teaser Group 1

<i>Radio Resource Allocation for Multicast Transmissions over High Altitude Platforms</i>	
Ahmed Ibrahim (University of Manitoba, Canada), Attahiru Alfa (University of Manitoba, Canada) .....	281
<i>On The Advantages of Location Resolved Input Data for Throughput Optimization Algorithms in Self-Organizing Wireless Networks</i>	
Sascha Berger (Technische Universität Dresden, Germany), Albrecht J Fehske (Technische Universität Dresden, Germany), Paolo Zanier (Nokia Siemens Networks GmbH, Germany), Ingo Viering (Nomor Research GmbH, Germany), Gerhard Fettweis (Technische Universität Dresden, Germany) .....	288
<i>Exploiting Diurnal User Mobility for Predicting Cell Transitions</i>	
Nandish Kuruvatti (University of Kaiserslautern, Germany), Andreas Klein (University of Kaiserslautern, Germany), Joerg Schneider (University of Kaiserslautern, Germany), Hans D. Schotten (University of Kaiserslautern, Germany) .....	293
<i>Erlang Analysis of Cellular Networks using Stochastic Petri Nets and User-in-the-Loop Extension for Demand Control</i>	
Rainer Schoenen (RWTH Aachen University, Faculty 6, Germany), Halim Yanikomeroglu (Carleton University, Canada) .....	298
<i>Modeling and Analysis of Push-based Wireless Converged Networks</i>	
Kongtao Wang (Shanghai Jiao Tong University, P.R. China), Zhiyong Chen (Shanghai Jiao Tong University, P.R. China), Hui Liu (Shanghai JiaoTong University, P.R. China) .....	304

## Poster Session - Teaser Group 2

<i>Physical Layer Abstraction for Turbo Coded MIMO Systems with LMMSE-IC based Turbo Equalization</i>	
Baozhu Ning (SUPELCE, France), Raphael Visoz (Orange Labs, France), Antoine O. Berthet (Supélec, France) .....	310
<i>A Pipelined Frame Structure for Cooperative Spectrum Sensing under Bandwidth Constraints</i>	
Hongzhi Luan (National Digital Switching Center, P.R. China), Ou Li (National Digital Switching System Engineering & Technology R&D Center, P.R. China), Xiaoyi Zhang (National Digital Switching System Engineering & Technology R&D Center, P.R. China) .....	316

<i>Optimal power allocation for AF full-duplex relay in cognitive radio networks</i>	
Yu Shi (UESTC, P.R. China), Lin Zhang (University of Electronic Science and Technology of China, P.R. China), Zhi Chen (University of Electronic Science and Technology of China, P.R. China), Yu Gong (Loughborough University, United Kingdom), Gang Wu (University of Electronic Science and Technology of China, P.R. China)	322
<i>Opportunistic Relay Selection and Outage Performance Analysis for 60GHz Wireless System</i>	
Zhijun Liu (Beijing University of Posts and Telecommunications, P.R. China), Waheed Ur Rehman (Beijing University of Posts and Telecommunications, P.R. China), Xiaofeng Tao (WTI BUPT, P.R. China), Xiaodong Xu (Beijing University of Posts and Telecommunications, P.R. China)	328
<i>Effect of propagation environment on area throughput of dense WLAN deployments</i>	
Ali Ozyagci (KTH Royal Institute of Technology, Sweden), Ki Won Sung (KTH Royal Institute of Technology, Sweden), Jens Zander (KTH Royal Institute of Technology, Sweden)	333
<i>Inside-Out: Can Indoor Femtocells Satisfy Outdoor Coverage and Capacity Needs?</i>	
William J Hillery (Nokia Solutions and Networks, USA), Mark Cudak (NSN, USA), Amitava Ghosh (Nokia Solutions and Networks, USA), Benny Vejlgaard (Nokia Siemens Networks, Denmark)	339

## Multi-Antenna and Cooperative Communications

<i>A Closed-Form Upper Bound of the Sum Rate of Blind Interference Alignment and Its Application to Control of the Number of Active Users</i>	
Hyukjin Chae (LG Electronics, Korea), Jinyoung Jang (Yonsei University, Korea)	345
<i>System-Level Studies for Single User and Multiuser Interference Alignment in a Heterogeneous Network</i>	
Helka-Liina Määttänen (Broadcom Finland, Finland), Harri Niemeläinen (Tampere University of Technology, Finland), Juha Venäläinen (Tampere University of Technology, Finland), Mikko Valkama (Tampere University of Technology, Finland)	350
<i>Millimeter Wave Beam-Alignment for Dual-Polarized Outdoor MIMO Systems</i>	
Jiho Song (Purdue University, USA), Stephen G Larew (Purdue University, USA), David Love (Purdue University, USA), Timothy A. Thomas (Nokia Solutions and Networks, USA), Amitava Ghosh (Nokia Solutions and Networks, USA)	356
<i>Energy-Efficient Cooperative Protocols for Full-Duplex Relay Channels</i>	
Mohammad G. Khafagy (King Abdullah University of Science and Technology (KAUST), Saudi Arabia), Amr Ismail (King Abdullah University of Science and Technology (KAUST), Saudi Arabia), Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia), Sonia Aïssa (INRS, University of Quebec, Canada)	362
<i>Interference-aware Multi-user Relay Selection Scheme in Cooperative Relay Networks</i>	
Jinlong Cao (Beijing University of Posts and Telecommunications, P.R. China), Tiankui Zhang (Beijing University of Posts and Telecommunications, P.R. China), Zhimin Zeng (Beijing University of Posts and Telecommunications, P.R. China), Dantong Liu (Queen Mary University of London, United Kingdom)	368

## Spectrum, Cognitive Radio and HetNets

<i>Reinforcement Learning based Secondary User Transmissions in Cognitive Radio Networks</i>	
Senthuran Arunthavanathan (RMIT University, Australia), Sithamparanathan Kandeepan (RMIT University, Australia), Rob Evans (The University of Melbourne, Australia)	374
<i>Energy Detection Based Spectrum Sensing with Random Arrival and Departure of Primary User's Signal</i>	
Jwo-Yuh Wu (National Chiao Tung University, Taiwan), Pei Hsin Huang (National Chiao Tung University, Taiwan), Tsang-Yi Wang (National Sun Yat-sen University, Taiwan), Vincent W.S. Wong (University of British Columbia, Canada)	380

<i>A Centralized Method for Optimal Power Allocation in Cognitive Radio Networks</i>	
Praful Deolal Mankar (IIT Kharagpur, India), Goutam Das (IIT Kharagpur, India), Sant Pathak (Indian Institute of Technology, Kharagpur, India) .....	385
<i>Dual Connectivity in LTE HetNets with Split Control- and User-Plane</i>	
Anna Zakrzewska (Bell Labs, Alcatel-Lucent, Ireland), David López-Pérez (Bell Labs Alcatel-Lucent, Ireland), Stepan Kucera (Bell Labs, Alcatel-Lucent Ltd., Ireland), Holger Claussen (Bell Labs, Alcatel-Lucent, Ireland) .....	391
<i>Characterizing Performance of Load-Aware Network Selection in Multi-Radio (WiFi/LTE) Heterogeneous Networks</i>	
Mikhail Gerasimenko (Tampere University of Technology, Finland), Nageen Himayat (Intel Corporation, USA), Shu-ping Yeh (Intel Corporation, USA), Shilpa Talwar (Intel, USA), Sergey Andreev (Tampere University of Technology, Finland), Yevgeni Koucheryavy (Tampere University of Technology, Finland) .....	397

## GC13 WS - CCSNA: Globecom 2013 Workshop - Cloud Computing Systems, Networks, and Applications

### Topics in cloud computing

<i>Vehicular Cloud Computing: A Survey</i>	
Lin Gu (The University of Aizu, Japan), Deze Zeng (China University of Geosciences (Wuhan), Japan), Song Guo (The University of Aizu, Japan) .....	403
<i>SLA-driven Dynamic Resource Provisioning for Service Provider in Cloud Computing</i>	
Yongyi Ran (University of Science and Technology of China, P.R. China), Jian Yang (University of Science and Technology of China, P.R. China), Shuben Zhang (University of Science and Technology of China, P.R. China), Hong-Sheng Xi (University of Science and Technology of China, P.R. China) .....	408
<i>Non-Overlapping Rings: A New Architecture for Designing Switch Clusters in Data Centers</i>	
Ahmet Akyamac (Bell Labs, Alcatel-Lucent, USA), Thomas Chu (Alcatel-Lucent, USA) .....	414

### Data Storage and Distribution

<i>Energy Efficient Cloud Content Delivery in Core Networks</i>	
Ahmed Lawey (University of Leeds, United Kingdom), Taisir El-Gorashi (University of Leeds, United Kingdom), Jaafar Elmirghani (University of Leeds, United Kingdom) .....	420
<i>Large File Distribution Using Efficient Generation-based Network Coding</i>	
Ye Li (Queen's University, Canada), Steven D Blostein (Queen's University, Canada), Wai-Yip Geoffrey Chan (Queen's University, Canada) .....	427
<i>UKAI: Centrally Controllable Distributed Local Storage for Virtual Machine Disk Images</i>	
Keiichi Shima (IIJ Innovation Institute, Japan) .....	433

### Performance

<i>Experimental Demonstration of Time-aware Software Defined Networking for OpenFlow-based Optical Interconnect in Intra-Datacenter Networks</i>	
Hui Yang (Beijing University of Posts and Telecommunications (BUPT), P.R. China), Jie Zhang (Beijing University of Posts and Telecommunications, P.R. China), Yongli Zhao (Beijing University of Posts and Telecommunications, P.R. China), Ji Yuefeng (Beijing University of Posts and Telecommunications, P.R. China), Jianrui Han (Huawei Technologies Co., Ltd, P.R. China), Yi Lin (Huawei Technologies Co., Ltd, P.R. China), Shaofeng Qiu (Huawei Technologies Co., Ltd, P.R. China), Young Lee (Huawei Technologies Co., Ltd, USA) .....	440



<i>Energy-Efficient Data Replication in Cloud Computing Datacenters</i>	
Dejene Boru (CREATE-NET, Italy), Dzmitry Kliazovich (University of Luxembourg, Luxembourg), Fabrizio Granelli (University of Trento, Italy), Pascal Bouvry (University of Luxembourg, Luxembourg), Albert Zomaya (The University of Sydney, Australia)	446
<i>Collaborative Location-based Sleep Scheduling to Integrate Wireless Sensor Networks with Mobile Cloud Computing</i>	
Chunsheng Zhu (The University of British Columbia, Canada), Victor CM Leung (The University of British Columbia, Canada), Laurence T. Yang (St. Francis Xavier University, Canada), Xiping Hu (The University of British Columbia, Canada), Lei Shu (Guangdong University of Petrochemical Technology, P.R. China)	452
<i>A Scalable Framework for Cloud Powered Workflow Execution</i>	
Yang Xia (Nanyang Technological University, Singapore), Chonho Lee (Nanyang Technological University, Singapore), Zuebair Bong (Nanyang Technological University, Singapore), Changbing Chen (Nanyang Technological University, Singapore), Bu Sung Lee (Nanyang Technological University, Singapore)	458
<i>Utility-based Server Management Strategy in Cloud Networks</i>	
Eunhye Choi (Ewha Womans University, Korea), Suin Song (Ewha Womans University, Korea), Hyejin Kim (Ewha Womans University, Korea), Jiyeon Hong (Ewha Womans University, Korea), Hyunggon Park (Ewha Womans University, Korea), Mihaela van der Schaar (University of California, Los Angeles (UCLA), USA)	464

## QoS and Security

<i>Authentication in GPS-Directed Mobile Clouds</i>	
Jonathan Larcom (University of Massachusetts Dartmouth, USA), Hong Liu (University of Massachusetts Dartmouth, USA)	470
<i>Quality of Service Aware Virtual Network Mapping Across Multiple Domains</i>	
Hao Di (University of Electronic Science and Technology of China, P.R. China), Vishal Anand (The College at Brockport, State University of New York, USA), Hongfang Yu (University of Electronic Science and Technology of China, P.R. China), Le Min Li (University of Electronic Science and Technology of China, P.R. China), Dan Liao (University of Electronic Science and Technology of China, P.R. China), Gang Sun (University of Electronic Science and Technology of China, P.R. China)	476
<i>Malware Analysis in Cloud Computing: Network and System Characteristics</i>	
Angelos K. Marnerides (Lancaster University, United Kingdom), Michael Watson (Lancaster University, United Kingdom), Syed Noor ul Hassan Shirazi (Lancaster University, United Kingdom), Andreas U. Mauthe (Lancaster University, United Kingdom), David Hutchison (Lancaster University, United Kingdom)	482
<i>Hiding behind the Clouds: Efficient, Privacy-Preserving Queries via Cloud Proxies</i>	
Surabhi Gaur (San Jose State University, USA), Melody Moh (San Jose State University, USA), Mahesh Balakrishnan (Microsoft Research Silicon Valley, USA)	488
<i>Secured Data Storage on Cloud Systems via Wavefront Multiplexing</i>	
Donald Chang (Spatial Digital Systems, USA), Joe Lee (SDS, Inc., USA), Hen-Geul Yeh (California State University, Long Beach, USA), Michael Lin (SDS, USA), Steve K. Chen (SDS, USA), Kung Yao (UCLA, USA)	494
<i>Security Testing in The Cloud by means of Ethical Worm</i>	
Elhadj Benkhelifa (Staffordshire University, United Kingdom), Thomas Welsh (Staffordshire University, United Kingdom)	500

# GC13 WS - CTEM: Globecom 2013 Workshop - Control Techniques for Efficient Multimedia Delivery

## CTEMD: Adaptive rate control

<i>A Mobile Video Traffic Analysis: Badly Designed Video Clients Can Waste Network Bandwidth</i> Hyunwoo Nam (Columbia University, USA), Bong Ho Kim (Bell Labs. Alcatel-Lucent, USA), Doru Calin (Bell Labs, Alcatel-Lucent, USA), Henning Schulzrinne (Columbia University, USA) .....	506
<i>WiLo: A Rate Determination Algorithm for HAS Video in Wireless Networks and Low-Delay Applications</i> Steven Benno (Alcatel-Lucent, USA), Andre Beck (Bell Laboratories Research, USA), Jairo O Esteban (Bell Labs, Lucent Technologies, USA), Les Wu (Alcatel-Lucent, Bell-Laboratories, USA), Ray Miller (Bell Labs, USA) .....	512
<i>Adaptive Rate Control with Quality of Service Guarantees in Wireless Broadband Networks</i> Shirish Nagaraj (Nokia Solutions and Networks, USA) .....	519

## CTEMD: Control of video encoding and Transport

<i>Adaptive Packet Transmission Scheme to Improve Video Streaming for Multi-homed Devices</i> Dongchil Kim (Kwangwoon University, Korea), Kwangsue Chung (Kwangwoon University, Korea) .....	525
<i>Enhancing Abstract Multipart Transport through Network Coding</i> Nuno Coutinho (Instituto de Telecomunicações, Universidade de Aveiro, Portugal), Susana Sargento (Instituto de Telecomunicações, Universidade de Aveiro, Portugal), Rui Prior (Instituto de Telecomunicações, Universidade do Porto, Portugal) .....	531
<i>A Traffic Burstiness-based Offload Scheme for Energy Efficiency Deliveries in Heterogeneous Wireless Networks</i> Shengyang Chen (Dublin City University, Ireland), Zhenhui Yuan (Dublin City University, Ireland), Gabriel-Miro Muntean (Dublin City University, Ireland) .....	538
<i>Performance Evaluation and Comparison of ROHC Header Compression (ROHC) ROHCv1 and ROHCv2 for Multimedia Delivery</i> Máté Tömösközi (Acticom GmbH, Germany), Patrick Seeling (Central Michigan University, USA), Frank H.P. Fitzek (Aalborg University, Denmark) .....	544

# GC13 WS - D2D: Globecom 2013 Workshop - International Workshop on Device-to-Device (D2D) Communication With and Without Infrastructure

## Plenary

<i>D2D Neighbor Discovery Interference Management for LTE Systems</i> Yuxin Zhao (InterDigital Canada, Canada), Benoit Pelletier (InterDigital Canada, Canada), Paul Marinier (InterDigital, Canada), Diana Pani (InterDigital Canada, Canada) .....	550
<i>Device-to-Device Discovery Based on 3GPP System Level Simulations</i> Meryem Simsek (Florida International University, USA), Arvind Merwaday (Florida International University, USA), Neiyer Correal (Motorola Solutions, USA), Ismail Güvenc (Florida International University, USA) .....	555
<i>Distributed Clock Synchronization with application of D2D Communication without Infrastructure</i> Wanlu Sun (Chalmers University of Technology, Sweden), Mohammad Reza Gholami (Postdoc at KTH, Sweden), Erik G Ström (Chalmers University of Technology, Sweden), Fredrik Brännström (Chalmers University of Technology, Sweden) .....	561

<i>Multicasting in LTE-A Networks Enhanced by Device-to-Device Communications</i>	
Massimo Condoluci (University Mediterranea of Reggio Calabria, Italy), Leonardo Militano (Mediterranea University of Reggio Calabria, Italy), Giuseppe Araniti (University Mediterranea of Reggio Calabria, Italy), Antonella Molinaro (University Mediterranea of Reggio Calabria, Italy), Antonio Iera (University Mediterranea of Reggio Calabria, Italy)	567

## Physical Layer Techniques for D2D Communication

<i>Clustering and Power Control for Reliability Improvement in Device-to-Device Network</i>	
Zhibo Wang (Beijing University of Posts and Telecommunications, P.R. China), Hui Tian (Beijing university of posts and telecommunications, P.R. China), Nannan Chen (Beijing University of Posts and Telecommunications, P.R. China)	573
<i>Outage Analysis for Uplink Mobile-to-Mobile Cooperation</i>	
Ahmad Abu Al Haija (McGill University, Canada), Mai Vu (Tufts University, USA)	579
<i>Energy Efficiency Optimization Based on Interference Alignment for Device-to-Device MIMO Downlink Underlaying Cellular Network</i>	
Jiamo Jiang (Beijing University of Posts and Telecommunications, P.R. China), Mugen Peng (Beijing University of posts & Telecommunications, P.R. China), Wenbo Wang (Beijing University of Posts and Telecommunications, P.R. China), Kecheng Zhang (Beijing University of Posts and Telecommunication, P.R. China)	585
<i>Resource Allocation for Network-Integrated Device-to-Device Communications Using Smart Relays</i>	
Monowar Hasan (University of Manitoba, Canada), Ekram Hossain (University of Manitoba, Canada)	591
<i>Exploiting Selection Diversity and Recovering Spectrum Loss in Wireless Sensor Networks with Directional Antennas</i>	
Chunbo Luo (University of the West of Scotland, United Kingdom), Qi Wang (University of the West of Scotland, United Kingdom), Xinheng Wang (University of the West of Scotland, United Kingdom), Christos Grecos (University of West of Scotland, United Kingdom), Runfeng Yang (Dongguan Polytechnic, Dongguan, P.R. China), Peng Ren (College of Control and Info. Eng., China University of Petroleum (HUADONG), P.R. China)	597

## Resource Allocation and Protocols for D2D Communication

<i>Cognitive Radio Mobility Based Routing Protocol for CR Enabled Mobile Ad hoc Networks</i>	
Yan Sun (Queen Mary University of London, United Kingdom), Chris Phillips (Queen Mary University of London, United Kingdom), Jingwen Bai (Queen Mary, University of London, P.R. China), Hao Zhang (Queen Mary University of London, P.R. China), Jiankun Hou (Queen Mary University of London, P.R. China), Siqi Wang (Queen Mary University of London, P.R. China)	603
<i>Network Coding to Enhance Standard Routing Protocols in Wireless Mesh Networks</i>	
Peyman Pahlavani (Aalborg University, Denmark), Daniel E. Lucani (Aalborg University, Denmark), Morten V. Pedersen (Aalborg University, Denmark), Frank H.P. Fitzek (Aalborg University, Denmark)	610
<i>Interest-based cooperative caching in multi-hop wireless networks</i>	
Javed Iqbal (Politecnico di Torino, Italy), Paolo Giaccone (Politecnico di Torino, Italy)	617
<i>Utility-maximization Resource Allocation for Device-to-Device Communication Underlaying Cellular Networks</i>	
Jialiang Zhang (University of Electronic Science and Technology of China, P.R. China), Gang Wu (University of Electronic Science and Technology of China, P.R. China), Wenhui Xiong (University of Electronic Science and Technology of China, P.R. China), Zhi Chen (University of Electronic Science and Technology of China, P.R. China), Shaoqian Li (University of Electronic Science and Technology of China, P.R. China)	623

<i>A Novel Device-to-Device Communication Protocol for Public Safety Applications</i>	
Leonardo Goratti (Create-Net, Italy), Karina Mabell Gomez (Create-Net, Italy), Riccardo Fedrizzi (Create-Net, Italy), Tinku Rasheed (Create-Net Research, Italy)	629

## Capacity and Coverage Enhancement with D2D Communication

<i>Transmission Capacity of Device-to-Device Communication under Heterogeneous Networks with Cellular Users Assisted</i>	
Yang Yang (Beijing University of Posts and Telecommunications, P.R. China), Ziyang Liu (Beijing National Railway Research & Design Institute of Signal & Communication Co. Ltd, P.R. China), Zuohui Fu (Beijing University of Posts and Telecommunication, P.R. China), Tao Peng (Beijing University of Posts and Telecommunications, P.R. China), Wenbo Wang (Beijing University of Posts and Telecommunications, P.R. China)	635
<i>Enhancing Cellular Coverage through Opportunistic Networks with Learning Mechanisms</i>	
Jordi Pérez-Romero (Universitat Politècnica de Catalunya (UPC), Spain), Oriol Sallent (Universitat Politècnica de Catalunya, Spain), Ramon Agustí (Universitat Politècnica de Catalunya, Spain)	642
<i>Uplink Enhancement of Vehicular Users by Using D2D Communications</i>	
Yutao Sui (Chalmers University of Technology, Sweden), Tommy Svensson (Chalmers University of Technology, Sweden)	649
<i>Performance Bound of Ad Hoc Device-to-Device Communications using Cognitive Radio</i>	
Oluwaseyi Omotere (Prairie View A&M University, USA), Lijun Qian (Prairie View A&M University, USA), Xiaojiang Du (Temple University, USA)	654

## Neighbor Discovery and Service Enhancement using D2D Communication

<i>Network-Assisted Discovery for Device-to-Device Communications</i>	
Anastasios Thanos (Royal Institute of Technology (KTH), Sweden), Serveh Shalmashi (KTH Royal Institute of Technology, Sweden), Guowang Miao (KTH, Royal Institute of Technology, Sweden)	660
<i>Peer Discovery for Device-to-Device (D2D) Communication in LTE-A Networks</i>	
Zhu-Jun Yang (National Taiwan University, Taiwan), Jie-Cheng Huang (National Taiwan University, Taiwan), Chun-Ting Chou (National Taiwan University, Taiwan), Hung-Yun Hsieh (National Taiwan University, Taiwan), Chin-Wei Hsu (National Taiwan University, Taiwan), Ping-Cheng Yeh (National Taiwan University, Taiwan), Chia-Chun Alex Hsu (MediaTek Inc., Taiwan)	665
<i>Device-to-Device Data Storage for Mobile Cellular Systems</i>	
Joonas Pääkkönen (Aalto University, Finland), Camilla Hollanti (Aalto University, Finland), Olav Tirkkonen (Aalto University, Finland)	671
<i>An Energy Efficient, Fault Tolerant and Secure Clustering Scheme for M2M Communication Networks</i>	
Lutful Karim (Seneca College of Applied Arts and Technology, Canada), Alagan Anpalagan (Ryerson University, Canada), Nidal Nasser (Alfaisal University, Saudi Arabia), Jalal N Almhana (Universite de Moncton, Canada), Isaac Woungang (Ryerson University, Canada)	677
<i>Coping with Asymmetric Losses in CSMA/CA: Inter-session Network Coding Performance Evaluation and Adaptive Protocol Design</i>	
Achuthan Paramanathan (Aalborg University, Denmark), Daniel E. Lucani (Aalborg University, Denmark), Frank H.P. Fitzek (Aalborg University, Denmark)	683

# GC13 WS - HetSNets: Globecom 2013 Workshop - Heterogeneous and Small Cell Networks

## Welcome

### *Dynamic Spectrum Refarming of GSM Spectrum for LTE Small Cells*

Xingqin Lin (The University of Texas at Austin, USA), Harish Viswanathan (Bell Labs, Alcatel-Lucent, USA) ..... 690

## Radio Resource Management

### *Mobile Data Offloading through A Third-Party WiFi Access Point: An Operator's Perspective*

Xin Kang (Institute for Infocomm Research, Singapore), Yeow Kiang Chia (Researcher, Singapore), Sumei Sun (Institute for Infocomm Research, Singapore) ..... 696

### *Distributed Resource Allocation for Self-Organizing Small Cell Networks: An Evolutionary Game Approach*

Prabodini Semasinghe (University of Manitoba, Canada), Kun Zhu (University of Manitoba, Canada), Ekram Hossain (University of Manitoba, Canada) ..... 702

### *QoS Aware Dynamic Uplink-Downlink Reconfiguration Algorithm in TD-LTE HetNet*

Yanchao Lin (Beijing University of Posts and Telecommunications, P.R. China), Yuehong Gao (Beijing University of Posts and Telecommunications, P.R. China), Yuancao Li (Beijing University of Posts and Telecommunications, P.R. China), Xin Zhang (Beijing University of Posts and Telecommunications, P.R. China), Dacheng Yang (Beijing University of Posts and Telecommunications, P.R. China) ..... 708

## Field Trials

### *On the Feasibility of Outdoor-to-Indoor LTE Small Cell Deployments: Field Trial Experiments and Performance Prediction*

Doru Calin (Bell Labs, Alcatel-Lucent, USA), Aliye Ozge Kaya (Bell Labs, Alcatel-Lucent, USA), Amine Abouliatim (Alcatel-Lucent, France), Goncalo Ferrada (Alcatel-Lucent, France), Pierre Richard (Alcatel-Lucent, France), Alexis Segura (Alcatel-Lucent, France) ..... 714

### *LTE Seamless Mobility Demonstrated with Combined Cell in a Heterogeneous Network*

Arne Simonsson (Ericsson, Sweden), Björn Halvarsson (Ericsson, Sweden), Qiang Zhang (Ericsson, Sweden), Peter Naucclér (Ericsson, Sweden) ..... 720

## Interference Management

### *Enhanced Inter-cell Interference Coordination in HetNets: Single vs. Multiflow Approach*

Meryem Simsek (Florida International University, USA), Mehdi Bennis (Centre of Wireless Communications, University of Oulu, Finland), Ismail Güvenç (Florida International University, USA) ..... 725

### *Successive Interference Cancellation in Downlink Heterogeneous Cellular Networks*

Xinchen Zhang (The University of Texas at Austin, USA), Martin Haenggi (University of Notre Dame, USA) ..... 730

### *Multiuser MISO Beamforming and Interference Cancellation in Two-Tier Femtocell Networks*

Yuan Li (Beijing University of Posts and Telecommunications, P.R. China), Shanshan Chen (Beijing University of Posts and Telecommunications, P.R. China), Jian Li (Beijing University of Posts and Telecommunications, P.R. China), Mugen Peng (Beijing University of Posts and Telecommunications, P.R. China) ..... 736

<i>Resource Management for Two-Tier Femtocell Networks using Interference Alignment</i> Vu Nguyen Ha (INRS, University of Quebec, Canada), Long Bao Le (INRS, University of Quebec, Canada) .....	742
<i>Performance Evaluation of LTE Signal Transmission Over a Seamlessly Integrated Radio-Over-Fiber and Millimeter-Wave Wireless Link</i> Tien Dat Pham (National Institute of Information and Communications Technology, Japan), Atsushi Kanno (National Institute of Information and Communications Technology, Japan), Tetsuya Kawanishi (National Institute of Information and Communications Technology, Japan) .....	748

## **Bandwidth, delay and energy Efficiency**

<i>Energy Efficient Small Cell Activation Mechanism for Heterogeneous Networks</i> Athul Prasad (NEC Laboratories Europe, Germany), Andreas Maeder (NEC Laboratories Europe, Germany), Chenghock Ng (NEC Corporation, Japan) .....	754
<i>Mobile Hotspots Cooperation Towards Better Energy Efficiency</i> Jiang Dong (Aalto University, Finland), Zhonghong Ou (Aalto University, Finland), Antti Yla-Jaaski (Aalto University, Finland), Yong Cui (Tsinghua University, P.R. China) .....	760
<i>Trade-off between Delay and Bandwidth Utilization for Heterogeneous Sensor Networks</i> Jianxin Chen (Nanjing University of Posts&Telecommunications, P.R. China), Liang Zhou (Nanjing University of Posts and Telecommunications, P.R. China), Baoyu Zheng (Nanjing University of Posts and Telecommunications, P.R. China), JingWu Cui (Nanjing University of Posts And Telecomm, P.R. China) .....	766

## **GC13 WS - IWCPM: Globecom 2013 Workshop - First International Workshop on Cloud-Processing in Heterogeneous Mobile Communication Networks**

### **iJOIN**

<i>Radio-Over-Radio: I/Q-Stream Backhauling for Cloud-Based Networks via Millimeter Wave Links</i> Jens Bartelt (Dresden University of Technology, Germany), Gerhard Fettweis (Technische Universität Dresden, Germany) .....	772
<i>Reduced Overhead Distributed Consensus-Based Estimation Algorithm</i> Ban-Sok Shin (University of Bremen, Germany), Henning Paul (University of Bremen, Germany), Dirk Wübben (University of Bremen, Germany), Armin Dekorsy (University of Bremen, Germany) .....	778

## **Selected Topics**

<i>Base Station Cooperation with Dynamic Clustering in Super-Dense Cloud-RAN</i> Namyoon Lee (The University of Texas at Austin, USA), Robert Heath (The University of Texas at Austin, USA), David Morales (Hong Kong University of Science and Technology, Hong Kong), Angel Lozano (Universitat Pompeu Fabra (UPF), Spain) .....	784
<i>Spatial Resources Optimization in Distributed MIMO Networks with Limited Data Sharing</i> Antonis G Gotsis (University of Piraeus, Greece), Angeliki Alexiou (University of Piraeus, Greece) .....	789
<i>Centralised Power Setting for Femtocell Cluster</i> Massinissa Lalam (Sagemcom Broadband, France), Thierry Lestable (Sagemcom SAS, France), Masood Maqbool (Alcatel-Lucent, France) .....	795

*Evaluation of Joint Transmission CoMP in C-RAN based LTE-A HetNets with Large Coordination Areas*

Alexei Davydov (Intel Corp., Russia), Gregory Morozov (Intel Corp., Russia), Ilya Bolotin (Intel, Russia), Apostolos Papathanassiou (Intel Corporation, USA) .....	801
<i>Outage Based Power Allocation: Slepian-Wolf Relaying Viewpoint</i>	
Meng Cheng (Japan Advanced Institute of Science and Technology, Japan), Khoirul Anwar (Japan Advanced Institute of Science and Technology, Japan), Tad Matsumoto (Japan Advanced Institute of Science and Technology, Japan) .....	807
<i>PlayNCool: Opportunistic Network Coding for Local Optimization of Routing in Wireless Mesh Networks</i>	
Peyman Pahlavani (APNET, Denmark), Daniel E. Lucani (Aalborg University, Denmark), Morten V. Pedersen (Aalborg University, Denmark), Frank H.P. Fitzek (Aalborg University, Denmark) .....	812

## **GC13 WS - MENS: Globecom 2013 Workshop - The 5th IEEE International Workshop on Management of Emerging Networks and Services**

### **Keynotes 1: hot topics in research and the links to standardization**

*SDN Enablers in the ETSI AFI GANA Reference Model for Autonomic Management & Control (emerging standard), and Virtualization Impact*

Ranganai Chaparadza (IPv6 Forum, Germany), Tayeb Ben Meriem (Orange, France), Benoit Radier (Orange France Telecom R&D, France), Szymon Szott (AGH University of Science and Technology, Poland), Michal Wodczak (ETSI AFI, Poland), Arun Prakash (Fraunhofer FOKUS, Germany), Jianguo Ding (University of Skövde, Sweden), Said Soulhi (Ericsson, Sweden), Andrej Mihailovic (King's College London, United Kingdom) .....	818
---	-----

### **MENS 1-1: SDN & Openflow, and Network Virtualization**

*Mobile Core Traffic Balancing by OpenFlow Switching System*

Ebrahim Ghazisaeedi (Carleton University, Canada), Rahim Tafazolli (University of Surrey, United Kingdom) .....	824
<i>An Autonomic Management Architecture for SDN-based Multi-service Network</i>	
Hongyun Li (Beijing University of Posts and Telecommunications, P.R. China), Xirong Que (Institute of Networking Technology, P.R. China), Yannan Hu (Beijing University of Posts and Telecommunications, P.R. China), Gong Xiangyang (Beijing University of Posts and Telecommunications P.R. China, P.R. China), Wang Wendong (Beijing University of Posts and Telecommunications, P.R. China) .....	830
<i>CIM-SDN: A Common Information Model extension for Software-Defined Networking</i>	
Billy Pinheiro (Federal University of Para - UFPA, Brazil), Rafael Chaves (Federal University of Para - UFPA, Brazil), Eduardo Cerqueira (Federal University of Para & UCLA, Brazil), Antonio Jorge Gomes Abelem (UFPA - Federal University of Pará, Brazil) .....	836
<i>PindSwitch: A SDN-based Protocol-independent Autonomic Flow Processing Platform</i>	
Tong Zhou (Beijing University of Posts and Telecommunications, P.R. China), Gong Xiangyang (Beijing University of Posts and Telecommunications P.R. China, P.R. China), Yannan Hu (Beijing University of Posts and Telecommunications, P.R. China), Xirong Que (Institute of Networking Technology, P.R. China), Wang Wendong (Beijing University of Posts and Telecommunications, P.R. China) .....	842
<i>EDGS: Efficient Data Gathering Scheme for Dense Wireless Sensor Networks</i>	
Saad Al-Ahmadi (College of Computer and Information Sciences, King Saud University, Saudi Arabia), Abdullah Al-Dhelaan (King Saud University, Saudi Arabia) .....	848

## MENS 2-1: Energy efficiency for emerging networks

<i>Optimized Scheduling of Power in an Islanded Microgrid with Renewables and Stored Energy</i> Arif Isikman (TOBB University of Economics and Technology, Turkey), Seçkin Anıl Yıldırım (TOBB University of Economics and Technology, Turkey), Cankal Altun (TOBB University of Economics and Technology, Turkey), Suleyman Uludag (The University of Michigan - Flint, USA), Bulent Tavli (TOBB University of Economics and Technology, Turkey) .....	855
<i>Energy Aware Cross Layer Uplink Scheduling for Multihomed Environments</i> Takoua Ghariani (Institut Telecom / Telecom SudParis, France), Badii Jouaber (Institut TELECOM - Telecom SudParis, France) .....	861
<i>Energy Performance of Distributed Queuing Access in Machine-to-Machine Networks with Idle-to-Saturation Transitions</i> Francisco Vázquez-Gallego (Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain), Jesus Alonso-Zarate (Centre Tecnològic de Telecomunicacions de Catalunya - CTTC, Spain), Pere Tuset-Peiro (Universitat Oberta de Catalunya, Spain), Luis Alonso (Universidad Politecnica de Catalunya-BarcelonaTECH, Spain) .....	867
<i>Energy Aware Evolutionary Routing Protocol with Probabilistic Sensing Model and Wake-Up Scheduling</i> Enan Khalil (Gazi University, Turkey), Suat Ozdemir (Gazi University, Turkey) .....	873
<i>Hybrid Framework for Scalable Resource Control in Multi-ingress Networks</i> Sandino Jardim (Federal University of Goias, Brazil), Augusto Jose Venancio Neto, Ph. D. (Universidade Federal do Rio Grande do Norte, Brazil), José Castillo Lema (Universidade Federal do Rio Grande do Norte, Spain), Evariste Logota (University of Aveiro, Instituto de Telecomunicações, Portugal), Eduardo Cerqueira (Federal University of Para & UCLA, Brazil), Jonathan Rodriguez (Instituto de Telecomunicações, Portugal) .....	879

## MENS 1-2: SDN & Openflow, and Network Virtualization

<i>Software Defined Networking for Distributed Mobility Management</i> Yuhong Li (Beijing University of Posts and Telecommunications, P.R. China), Haimeng Wang (Beijing University of Posts and Telecommunications, P.R. China), Ming Liu (Beijing University of Posts and Telecommunications, P.R. China), Bufan Zhang (Beijing University of Posts and Telecommunications, P.R. China), Huanqun Mao (Beijing University of Posts and Telecommunications, P.R. China) .....	885
<i>Managing Storage Flows with SDN Approach in I/O Converged Networks</i> Osamu Shiraki (Fujitsu Laboratories Ltd., Japan), Yukihiro Nakagawa (Fujitsu Laboratories Ltd., Japan), Kazuki Hyoudou (Fujitsu Laboratories Ltd., Japan), Shinji Kobayashi (Fujitsu Laboratories Ltd., Japan), Takeshi Shimizu (Fujitsu Laboratories Ltd., Japan) .....	890
<i>Cloud-Based Building Management Systems using Short-term Cooling Load Forecasting</i> Jaehak Yu (Electronics and Telecommunications Research Institute, Korea), MyungNam Bae (Electronics and Telecommunications Research Institute, Korea), HyoChan Bang (ETRI, Korea), Sejin Kim (University of British Columbia, Canada) .....	896
<i>Cache management algorithm of load balancer for large-scale SNMP monitoring system</i> Taeyoung Song (The University of Tokyo, Japan), Yoshihiro Kawahara (The University of Tokyo, Japan), Tohru Asami (The University of Tokyo, Japan) .....	901

## MENS 2-2: Energy efficiency for emerging networks

<i>Impact of Communication Availability in a Demand-Side Energy Management System: Differential Game-Theoretic Approach</i> Ryohei Arai (Kyoto University, Japan), Koji Yamamoto (Kyoto University, Japan), Takayuki Nishio (Kyoto University, Japan), Masahiro Morikura (Kyoto University, Japan) .....	906
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<i>Lyapunov Stability Analysis of Load Balancing in Datacenter Networks</i> Amrith Dhananjayan (Nanyang Technological University, Singapore), Kiam Tian Seow (Nanyang Technological University, Singapore), Chuan Heng Foh (University of Surrey, United Kingdom) .....	912
<i>Make-Without-Break Horizontal IP Handovers for Distributed Mobility Management Schemes</i> Tiago Silvestre Condeixa (Instituto de Telecomunicações, Portugal), Lucas Guardalben (University of Aveiro, Portugal), Tomé Gomes (Instituto de Telecomunicações, Portugal), Susana Sargento (Instituto de Telecomunicações, Universidade de Aveiro, Portugal), Rute C. Sofia (COPELABS, University Lusofona, Portugal) .....	917
<i>Efficient Traffic Allocation Scheme for Multi-flow Distribution in Heterogeneous Networks</i> Hao Lian (Beijing University of Posts and Telecommunications, P.R. China), Xiao Yan (Beijing University of Posts and Telecommunications, P.R. China), Lina Weng (Beijing University of Posts and Telecommunications, P.R. China), Qixun Zhang (Beijing University of Posts and Telecommunications, P.R. China), Zhiyong Feng (Beijing University of Posts and Telecommunications, P.R. China), Ping Zhang (WTI-BUPT, P.R. China) .....	923
<i>Optimal Spectrum Decision with Channel Quality Considered in Cognitive Radio Subnets</i> Mingxue Liao (Institute of Software, Chinese Academy of Sciences, P.R. China), He Xiao-Xin (Institute of Software, Chinese Academy of Sciences, P.R. China), Fanjiang Xu (Institute of Software Chinese Academy Sciences, P.R. China) .....	929

## Keynotes 2: Q&A Panel with Industry: IPv6, SDN & NFV, Autonomic & Converged Management

<i>Implementation Guide for the ETSI AFI GANA Model: a Standardized Reference Model for Autonomic Networking, Cognitive Networking and Self-Management</i> Ranganai Chaparadza (IPv6 Forum, Germany), Tayeb Ben Meriem (Orange, France), Benoit Radier (Orange France Telecom R&D, France), Szymon Szott (AGH University of Science and Technology, Poland), Michal Wodczak (ETSI AFI, Poland), Arun Prakash (Fraunhofer FOKUS, Germany), Jianguo Ding (University of Skövde, Sweden), Andrej Mihailovic (King's College London, United Kingdom), Said Soulhi (Ericsson, Sweden) .....	935
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## MENS:3: LTE Technology and Management & Control

<i>A Delay Sensitive LTE Uplink Packet Scheduler for M2M Traffic</i> Nusrat Afrin (University of Newcastle, Australia), Jason Brown (University of Newcastle, Australia), Jamil Y Khan (The University of Newcastle, Australia) .....	941
<i>Adaptive QoS-Aware Resource Allocation for High-Speed Mobile LTE Wireless Systems</i> Yifan Zhang (Beijing University of Posts and Telecommunications, P.R. China), Muqing Wu (BUPT, P.R. China), Rui Zhang (Beijing University of Posts and Telecommunications, P.R. China), Panfeng Zhou (Beijing National Railway Research & Design Institute of Signal & Communication, P.R. China), Shiping Di (Beijing National Railway Research & Design Institute of Signal & Communication, P.R. China) .....	947
<i>Joint implementation of Several LTE-SON Functions</i> Khoa Truong Dinh (Warsaw University of Technology, Poland), Sławomir Kukliński (Warsaw University of Technology, Poland) .....	953
<i>Selective Call-Dropping and Bandwidth Adaptation for Reducing Multiple-Call Handoff Dropping</i> Olabisi Emmanuel Falowo (University of Cape Town, South Africa) .....	958

## MENS:4: QoS and performance optimization

<i>Decoupling Malicious Interests from Pending Interest Table to Mitigate Interest Flooding Attacks</i> Kai Wang (Beijing Jiaotong University, P.R. China), Huachun Zhou (Beijing Jiaotong University, P.R. China), Yajuan Qin (Beijing Jiaotong University, P.R. China), Jia Chen (Beijing Jiaotong University, P.R. China), Hongke Zhang (Beijing Jiaotong University, P.R. China) .....	963
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<i>Performance comparison of Routing Protocols over Smart Utility Networks: A Simulation Study</i> Gopalakrishnan B Iyer (Auburn University, USA), Prathima Agrawal (Auburn University, USA), Ruben Salazar Cardozo (Landis + Gyr, USA) .....	969
<i>Congestion Control and User Utility Function for Real-Time Traffic</i> Hengky Susanto (University of Massachusetts at Lowell, USA), Byung-Guk Kim (University of Massachusetts at Lowell, USA) .....	974
<i>Square-Based Location Update Protocol in Wireless Sensor Networks</i> Jun Xu (Information & Electronics Technology Lab, Beijing University of Posts and Telecommunications, P.R. China), Zhiqiang Liu (Beijing University of Posts and Telecommunications, P.R. China), Weidong Wang (Beijing University of Posts and Telecommunications, P.R. China), Yinghai Zhang (Beijing University of Posts and Telecommunications, P.R. China) .....	980

## **MENS 5: Management of Emerging Networks**

<i>A New Approach for Scrambling and Spreading Code Reuse in WCDMA Networks</i> Rouzbeh Razavi (Bell labs, Alcatel-Lucent, Ireland), David López-Pérez (Bell Labs Alcatel- Lucent, Ireland), Holger Claussen (Bell Labs, Alcatel-Lucent, Ireland) .....	986
<i>Churn Prediction in Subscriber Management for Mobile and Wireless Communications Services</i> Hakki Candan Cankaya (Fujitsu Network Communications, USA), Utku Yabas (Engineer, USA) .....	991
<i>XML-compression techniques for efficient network management</i> Antonio Dariush Kheirkhahzadeh (University of West London, United Kingdom), John Moore (University Of West London, United Kingdom), Jiva Bagale (University Of West London, United Kingdom) .....	996
<i>On the Analysis of Dissemination Management Information through an Eyesight Perspective</i> Lucas Guardalben (University of Aveiro, Portugal), Tiago Silvestre Condeixa (Instituto de Telecomunicações, Portugal), Tomé Gomes (Instituto de Telecomunicações, Portugal), Paulo Salvador (Instituto de Telecomunicações, DETI, University of Aveiro, Portugal), Susana Sargento (Instituto de Telecomunicações, Universidade de Aveiro, Portugal) .....	1001
<i>Router-based Request Redirection Management for a Next-Generation Content Distribution Network</i> Erwin Harahap (Keio University, Japan), Janaka Wijekoon (Keio University, Japan), Rajitha Tennekoon (Keio University, Japan), Fumito Yamaguchi (Keio University, Japan), Hiroaki Nishi (Keio University, Japan) .....	1007

## **MENS 6: Autonomic networking, cognitive networking and self-Management**

<i>The Role of SDL in the Design, Simulation, Validation of System Models, and Code-Generation, in the recently emerged and growing domain of Autonomic Systems Engineering</i> Ranganai Chaparadza (IPv6 Forum, Germany), Arun Prakash (Fraunhofer FOKUS, Germany) .....	1013
<i>Autonomic Cooperative Behaviour in ETSI AFI Scenario for Autonomicity Enabled Ad-hoc and Mesh Network Architecture</i> Michal Wodczak (ETSI AFI, Poland), Ranganai Chaparadza (IPv6 Forum, Germany), Szymon Szott (AGH University of Science and Technology, Poland) .....	1019
<i>Proxy based Distributed Mobility Management in PURSUIT</i> Zhiwei Yan (CNNIC, P.R. China), Yong Jin Park (Waseda University, Japan), Jong-Hyouk Lee (Sangmyung University, Korea), Xiaodong Lee (CNNIC, P.R. China) .....	1024
<i>Knowledge Functional Block for E-UTRAN</i> Aimilia Bantouna (University of Piraeus, Greece), Kostas Tsagkaris (University of Piraeus, Greece), Panagiotis Demestichas (University of Piraeus, Greece) .....	1029

<i>Asymptotic Performance Analysis for Common Data Delivery in Cognitive Radio Networks</i> Kewen Yang (Beijing University of Posts and Telecommunications, P.R. China), Wenjun Xu (Beijing University of Posts and Telecommunications, P.R. China), Shengyu Li (Beijing University of Posts and Telecommunications, P.R. China), Qian Wan (Beijing University of Posts and Telecommunications, P.R. China), Kai Niu (Beijing University of Posts and Telecommunications, P.R. China), Jiaru Lin (Beijing University of Posts and Telecommunications, P.R. China) .....	1035
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## GC13 WS - OWC: Globecom 2013 Workshop - Optical Wireless Communications

### FSO Systems

<i>BER of Subcarrier MPSK/MDPSK Modulated OWC Systems in Gamma-Gamma Turbulence</i> Xuegui Song (University of British Columbia, Canada), Julian Cheng (University of British Columbia, Canada), Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia) .....	1041
<i>Performance of APD-based Amplify-and-Forward Multihop FSO Systems over Turbulence Channels</i> Thanh Pham (University of Aizu, Japan), Anh T. Pham (The University of Aizu, Japan) .....	1046

### Modulation and Coding for VLC

<i>A MIMO Protocol for Camera Communications (CamCom) using Undersampled Frequency Shift ON-OFF Keying (UFSOOK)</i> Richard D Roberts (Intel Corporation, USA) .....	1052
<i>Enabling High Data Rate VLC via MIMO-LEDs PPM</i> Mauro Biagi (Sapienza University of Rome, Italy), Anna Maria Vegni (University of ROMA TRE, Italy) .....	1058
<i>Performance Evaluation of IEEE 802.15.7 CSK Physical Layer</i> Ravinder Singh (University of Sheffield, United Kingdom), Timothy O'Farrell (University of Sheffield, United Kingdom), John David (University of Sheffield, United Kingdom) .....	1064
<i>Block-Based PAM with Frequency Domain Equalization in Visible Light Communications</i> Liane Grobe (Fraunhofer Heinrich Hertz Institute, Germany), Klaus-Dieter Langer (Fraunhofer Heinrich Hertz Institute, Germany) .....	1070
<i>Experimental Comparisons of Optical OFDM Approaches in Visible Light Communications</i> Ahmad Helmi Azhar (University of Oxford, United Kingdom), Dominic O'Brien (Oxford University, United Kingdom) .....	1076
<i>Robust MMSE Linear Precoding for Visible Light Communication Broadcasting Systems</i> Hao Ma (University of British Columbia, Canada), Lutz Lampe (University of British Columbia, Canada), Steve Hranilovic (McMaster University, Canada) .....	1081
<i>SVD-VLC: A novel capacity maximizing VLC MIMO system architecture under illumination constraints</i> Pankil M Butala (Boston University, USA), Hany Elgala (Boston University, USA), Thomas DC Little (Boston University, USA) .....	1087

### Implementations and Experimental Efforts in OWC

<i>Angular Diversity Approach to Indoor Positioning Using Visible Light</i> Michael Taylor (McMaster University, Canada), Steve Hranilovic (McMaster University, Canada) .....	1093
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<i>LED holographic beam-steering for visible-light communications</i>	
Tuan-Anh Tran (University of Oxford, United Kingdom), Dominic O'Brien (Oxford University, United Kingdom) .....	1099
<i>Modeling Vehicle-to-Vehicle Visible Light Communication Link Duration with Empirical Data</i>	
Li-Che Wu (National Taiwan University, Taiwan), Hsin-Mu Tsai (National Taiwan University, Taiwan) .....	1103
<i>Performance of an experimental optical DAC used in a visible light communication system</i>	
James Yew (Monash University, Australia), Sarangi D. Dissanayake (Monash University, Australia), Jean Armstrong (Monash University, Australia) .....	1110
<i>Analysis of Aperture Size for Partially Receiving and De-multiplexing 100-Gbit/s Optical Orbital Angular Momentum Channels over Free-Space Link</i>	
Guodong Xie (University of Southern California, USA), Yongxiong Ren (University of Southern California, USA), Hao Huang (University of Southern California, USA), Yan Yan (University of Southern California, USA), Changjing Bao (University of Southern California, USA), Nisar Ahmed (University of Southern California, USA), Moshe Willner (University of Southern California, USA), Martin Lavery (University of Glasgow, USA), Miles Padgett (University of Glasgow, United Kingdom), Alan Willner (University of Southern California, USA) .....	1116

## Networks and Multiuser Systems

<i>VRMAC: A Novel WLAN Medium Access Control Mechanism Using LEDs and a Camera</i>	
Takayuki Nishio (Kyoto University, Japan), Ryo Nishioka (Kyoto University, Japan), Masahiro Morikura (Kyoto University, Japan), Koji Yamamoto (Kyoto University, Japan) .....	1121
<i>Joint Transmission in Indoor Visible Light Communication Downlink Cellular Networks</i>	
Cheng Chen (University of Edinburgh, United Kingdom), Dobrosław A. Tsonev (University of Edinburgh, United Kingdom), Harald Haas (The University of Edinburgh, United Kingdom) .....	1127

## GC13 WS - QoEMC: Globecom 2013 Workshop - Quality of Experience for Multimedia Communications

### Session I: QoE-aware transmissions and evaluation

<i>Quality Aware, Adaptive, 3D Media Distribution over P2P architectures</i>	
Mikolaj I. Leszczuk (AGH University of Science and Technology, Poland), Dawid Juszka (AGH University of Science and Technology, Poland), Lucjan Janowski (AGH University of Science and Technology, Poland), Michał Grega (AGH University of Science and Technology, Poland), Rui Santos Cruz (Instituto Superior Técnico - Universidade de Lisboa, Portugal), Mario S Nunes (Instituto de Engenharia de Sistemas e Computadores (INESC), Portugal), Charalampos Z Patrikakis (Technological Educational Institute of Piraeus, Greece), Stavros Papanagiotou (NTUA, Greece) .....	1133
<i>Symmetric Video Multicast over Multihop Wireless Network Using Inter-/Intra-Session Network Coding</i>	
Du Yang (Institution of Telecommunications, Portugal), Joanna Bachmatiuk (Instituto de Telecomunicações, Portugal), Shahid Mumtaz (Instituto de Telecomunicações, Portugal), Jonathan Rodriguez (Instituto de Telecomunicações, Portugal) .....	1139
<i>Handset and Network Quality Performance Benchmarking for QoE Improvement</i>	
Davide Micheli (Telecom Italia - TILAB, Italy), Alessandra Curto (Telecom Italia, Italy), Marina Mazzurco (Telecom Italia, Italy), Laura Pierucci (University of Florence, Italy), Romano Fantacci (University of Florence, Italy), Renato Simoni (University of Florence, Italy) .....	1145

<i>Real-Time Performance Evaluation of F-BTD scheme for optimized QoS Energy Conservation in Wireless Devices</i>	
Constandinos X. Mavromoustakis (University of Nicosia, Cyprus), Christos Dimitriou (Dept. of Computer Science, University of Nicosia, Cyprus), George Mastorakis (Technological Educational Institute of Crete, Greece), Evangelos Pallis (Technological Educational Institute of Crete, Greece)	1151
<i>Mobile Web QoE Study for Smartphones</i>	
Jiri Hosek (Brno University of Technology, Czech Republic), Michal Ries (Vienna University of Technology, Austria), Pavel Vajsar (Brno University of Technology, Czech Republic), Lubos Nagy (Brno University of Technology, Czech Republic), Zdenek Sulc (T-Mobile Czech Republic, Czech Republic), Petr Hais (T-Mobile Czech Republic, Czech Republic), Radek Penizek (T-Mobile Czech Republic, Czech Republic)	1157
<i>Freely Available Large-scale Video Quality Assessment Database in Full-HD Resolution with H.264 Coding</i>	
Mikolaj I. Leszczuk (AGH University of Science and Technology, Poland), Lucjan Janowski (AGH University of Science and Technology, Poland), Marcus Barkowsky (University of Nantes, France)	1162

## Session II: QoE Assessment and Models

<i>Objective Characterization of Human Behavioural Characteristics for QoE Assessment: A Pilot Study on the Use of Electroencephalography Features</i>	
Khalil Rehman Laghari (INRS-EMT, Canada), Rishabh Gupta (INRS-EMT, University of Quebec, Canada), Jan-Niklas Antons (TU Berlin, Deutsche Telekom Laboratories, Germany), Robert Schleicher (TU Berlin, Germany), Sebastian Möller (Quality and Usability Lab, Telekom Innovation Labs, TU Berlin, Germany), Tiago Falk (INRS-EMT, Canada)	1168
<i>Perceptual quality assessment of HTTP adaptive video streaming</i>	
George Papadogiannopoulos (Hellenic Open University, Greece), Ilias Politis (Hellenic Open University, Greece), Tasos Dagiuklas (Hellenic Open University, Greece), Lampros Dounis (Hellenic Open University, Greece)	1174
<i>Improved E-model for Monitoring Quality of Multi-Party VoIP communications</i>	
Mohamed Adel (TSSG, Waterford Institute of Technology, Ireland), Haytham Assem (NUI Maynooth, Ireland), Brendan Jennings (Waterford Institute of Technology, 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)	1180
<i>Back to Normal? Impact of Temporally Increasing Network Disturbances on QoE</i>	
Junaid Junaid (Blekinge Institute of Technology, Sweden), Markus Fiedler (Blekinge Institute of Technology, Sweden), Pangkaj Paul (Blekinge Institute of Technology, Sweden), Sebastian Egger (AIT Austrian Institute of Technology GmbH, Austria), Frédéric Guyard (Orange Labs, France)	1186
<i>Investigation into spatial audio quality of experience in the presence of accompanying video cues with spatial mismatch</i>	
Chungeun Kim (University of Surrey, United Kingdom), Ahmet Kondozi (University of Surrey, United Kingdom)	1192

# GC13 WS - SDNOptics: Globecom 2013 Workshop - Software-Defined Networking on Optics

## Morning

<i>An Optical SDN Controller for Transport Network Virtualization and Autonomic Operation</i> Marcos Siqueira (Unicamp, Brazil), Juliano Rodrigues Fernandes de Oliveira (CPqD Foundation, Brazil), Giovanni Curiel dos Santos (CPqD, Brazil), Alberto Hirata (CPqD, Brazil), Fabian Hooft (CPqD, Brazil), Marcelo Nascimento (CPqD, Brazil), Christian Esteve Rothenberg (University of Campinas - UNICAMP, Brazil), Julio Cesar Oliveira (CPqD, Brazil) .....	1198
<i>Virtual Infrastructure Embedding over Software-Defined Flex-grid Optical Networks</i> Zilong Ye (SUNY-Buffalo, USA), Ankitkumar N. Patel (NEC Laboratories America, Inc., USA), Philip N. Ji (NEC Laboratories America, Inc., USA), Chunming Qiao (State University of New York at Buffalo, USA), Ting Wang (NEC Laboratories America, USA) .....	1204
<i>Experimental Demonstrations of Interworking between an Optical Packet and Circuit Integrated Network and OpenFlow-based Networks</i> Takaya Miyazawa (National Institute of Information and Communications Technology (NICT), Japan), Hideaki Furukawa (NICT, Japan), Naoya Wada (NICT, Japan), Hiroaki Harai (National Institute of Information and Communications Technology, Japan), Hideki Otsuki (National Institute of Information and Communications Technology, Japan), Eiji Kawai (National Institute of Information and Communications Technology, Japan) .....	1210
<i>Generalized SDN Control for Access/Metro/Core Integration in the framework of the Interface to the Routing System (I2RS)</i> Andrea Sgambelluri (Scuola Superiore Sant'Anna, Italy), Francesco Paolucci (Scuola Superiore Sant'Anna, Italy), Filippo Cugini (CNIT, Italy), Luca Valcarenghi (Scuola Superiore Sant'Anna, Italy), Piero Castoldi (Scuola Superiore Sant'Anna, Italy) .....	1216
<i>Time-aware Software Defined Networking (Ta-SDN) for Flexi-grid Optical Networks Supporting Data Center Application</i> Yongli Zhao (Beijing University of Posts and Telecommunications, P.R. China), Jie Zhang (Beijing University of Posts and Telecommunications, P.R. China), Ting Zhou (Beijing University of Posts and Telecommunications, P.R. China), Hui Yang (Beijing University of Posts and Telecommunications (BUPT), P.R. China), Wanyi Gu (Key Laboratory of Optical Communication and Lightwave Technologies, Ministry of Education, Beijing U, P.R. China), Yi Lin (Huawei Technologies Co., Ltd, P.R. China), Jianrui Han (Huawei Technologies Co., Ltd, P.R. China), Gang Li (Huawei Technologies Co., Ltd, P.R. China), Huiying Xu (Huawei Technologies Co., Ltd, P.R. China) .....	1221

## Afternoon

<i>On Precision and Scalability of Elephant Flow Detection in Data Center with SDN</i> Conghui Bi (Shanghai Jiao Tong University, P.R. China), Luo Xuan (Shanghai Jiao Tong University, P.R. China), Tong Ye (Shanghai JiaoTong University, P.R. China), Yaohui Jin (Shanghai Jiaotong University, P.R. China) .....	1227
<i>Software-defined networking in a multi-purpose DWDM-centric metro/aggregation network</i> Peter Öhlen (Ericsson AB, Sweden), Björn Skubic (Ericsson AB, Sweden), Zere Ghebretensae (Ericsson, Sweden), Wolfgang John (Ericsson Research, Sweden), Meral Shirazipour (Ericsson, USA) .....	1233
<i>Photonic Network Vision 2020 - Smart Photonic Networking, Synthetic Transport Platform, and Scale-Free Photonics -</i> Ken'ichi Kitayama (Osaka University, Japan), Atsushi Hiramatsu (NTT Advanced Technology Corporation, Japan), Masaki Fukui (NTT Network Innovation Laboratories, Japan), Naoaki Yamanaka (Keio University, Japan), Satoru Okamoto (Keio University, Japan), Masahiko Jinno (Kagawa University, Japan), Masafumi Koga (Oita-university, Japan) .....	1239

# GC13 WS - TCPLS: Globecom 2013 Workshop - Trusted Communications with Physical Layer Security

## TCPLS - Invited Talk 1

### *Secret Key Generation from Reciprocal Spatially Correlated MIMO Channels*

Eduard Jorswieck (TU Dresden, Germany), Anne Wolf (Dresden University of Technology, Germany), Sabrina Engemann (Dresden University of Technology, Germany) ..... 1245

## TCPLS - 01

### *Resource Allocation for Secure Communication in Systems with Wireless Information and Power Transfer*

Derrick Wing Kwan Ng (Friedrich-Alexander-University Erlangen-Nürnberg, Germany), Robert Schober (University of British Columbia, Canada) ..... 1251

### *Antenna Subset Modulation for Secure Millimeter-Wave Wireless Communication*

Nachiappan Valliappan (Qualcomm, USA), Robert Heath (The University of Texas at Austin, USA), Angel Lozano (Universitat Pompeu Fabra (UPF), Spain) ..... 1258

### *Resource Allocation for Secret Transmissions Over MIMOME Fading Channels*

Stefano Tomasin (University of Padova, Italy) ..... 1264

### *Coset Codes in a Multi-hop Network*

Willie K Harrison (University of Colorado Colorado Springs, USA) ..... 1270

### *Impersonation Attack Identification For Secure Communication*

Mustafa H Yilmaz (University of South Florida, USA), Huseyin Arslan (University of South Florida, USA) ..... 1275

## TCPLS - 02

### *Improving the Secrecy Rate of Wireless SIMO Systems via Two-Step Transmission*

Pengcheng Mu (Xi'an Jiaotong University, P.R. China), Hui-Ming Wang (Xi'an Jiaotong University, P.R. China), Qinye Yin (Xi'an Jiaotong University, P.R. China) ..... 1280

### *Secure Transmission in Multi-Cell Massive MIMO Systems*

Jun Zhu (University of British Columbia, Canada), Robert Schober (University of British Columbia, Canada), Vijay Bhargava (University of British Columbia, Canada) ..... 1286

### *Secure Transmission over Fast Fading Multiple-Antenna Gaussian Broadcast Channel with Confidential Messages*

Chien-Li Su (National Taiwan University, Taiwan), Pin-Hsun Lin (TU Dresden, Germany), Hsuan-Jung Su (National Taiwan University, Taiwan) ..... 1292

### *A Secret Key Generation Method Based on CSI in OFDM-FDD System*

Xiaohua Wu (Beijing University of Posts & Telecommunications, P.R. China), Yuexing Peng (Beijing University of Posts & Telecoms, P.R. China), Chunjing Hu (Beijing University of Posts and Telecommunications (BUPT), P.R. China), Hui Zhao (Beijing University of Posts and Telecommunications, P.R. China), Lei Shu (Guangdong University of Petrochemical Technology, P.R. China) ..... 1297

# GC13 WS - VNE: Globecom 2013 Workshop - Vehicular Network Evolution

## Regular Papers 1

<i>A Study of IEEE 802.11 Standard for Use in Vehicle to Infrastructure Communication</i> Sarwar Sha-Mohammed (Old Dominion University, USA), Hussein Abdel-Wahab (Old Dominion University, USA), Dimitrie Popescu (Old Dominion University, USA) .....	1303
<i>Novel Geocast Routing Protocols for Safety and Comfort Applications in VANets</i> Fatima Zohra Bousbaa (University of Laghouat, Algeria), Fen Zhou (University of Avignon, France), Nasreddine Lagraa (Amar Thelidji University, Laghouat, Algeria), Mohamed Bachir Yagoubi (University of Laghouat, Algeria) .....	1308
<i>Investigating the Effectiveness of Decentralized Congestion Control in Vehicular Networks</i> Andrea Vesco (Istituto Superiore Mario Boella, Italy), Riccardo M. Scopigno (Istituto Superiore Mario Boella, Italy), Claudio E. Casetti (Politecnico di Torino, Italy), Carla-Fabiana Chiasserini (Politecnico di Torino, Italy) .....	1314
<i>Gradual Beamforming and Soft Handover in High Mobility Cellular Communication Networks</i> Jun Li (Zhejiang University, P.R. China), Zhaoyang Zhang (Zhejiang University, P.R. China), Cuiling Qi (Zhejiang University, P.R. China), Chao Wang (Zhejiang University, P.R. China), Caijun Zhong (Zhejiang University, P.R. China) .....	1320
<i>A V2V Communication System with Enhanced Multiplicity Gain</i> Qi Zhan (University of Texas at Dallas, USA), V. K. Varma Gottumukkala (Qualcomm, USA), Akihisa Yokoyama (Toyota InfoTechnology Center, USA), Hlaing Minn (University of Texas at Dallas, USA) .....	1326
<i>Tuning Collision Warning Algorithms to Individual Drivers for Design of Active Safety Systems</i> Ali Rakhshan (University of Massachusetts, Amherst, USA), Hossein Pishro-Nik (University of Massachusetts, Amherst, USA), Mohammad Nekoui (University of Massachusetts Amherst, USA), Donald Fisher (University of Massachusetts, Amherst, USA) .....	1333
<i>V2X Communication-based Power Saving Strategy for Electric Bicycles</i> Irina Tal (Dublin City University, Ireland), Gabriel-Miro Muntean (Dublin City University, Ireland) .....	1338

## Regular Papers 2

<i>A New Anti-Jamming Strategy for VANET: Metrics-Directed Security Defense</i> Ikechukwu Azogu (University of Massachusetts Dartmouth, USA), Michael Ferreira (University of Massachusetts Dartmouth, USA), Jonathan Larcom (University of Massachusetts Dartmouth, USA), Hong Liu (University of Massachusetts Dartmouth, USA) .....	1344
<i>Discovering Road Segment-Based Outliers in Urban Traffic Network</i> Chao Huang (Chinese Academy of Sciences, P.R. China), Xian Wu (Chinese Academy of Sciences, P.R. China) .....	1350

# GC13 WS - Wi-UAV: Globecom 2013 Workshop - Wireless Networking and Control for Unmanned Autonomous Vehicles

## Communications and Localization in Robotic Networks

<i>Fast Bandwidth Allocation Policies for Persistent Data Ferrying</i> Anthony J. Carfang, Jr. (University of Colorado Boulder, USA), Eric W. Frew (University of Colorado, USA) .....	1355
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<i>Adaptive Transmission Technique for Short Range Mobile Underwater Acoustic OFDM Communication</i>	
Uche Kennedy A. Chude- Okonkwo (Universiti Teknologi Malaysia, Malaysia), Razali Ngah (Universiti Teknologi Malaysia, Malaysia), Solomon Nunoo (Universiti Teknologi Malaysia, Malaysia), Ahmed M. Al-Samman (Universiti Teknologi Malaysia, Malaysia), Tharek Abdul Rahman (Wireless Communication Centre, Malaysia)	1361
<i>Speed-Aware Routing for UAV Ad-Hoc Networks</i>	
Stefano Rosati (EPFL, Switzerland), Karol Kruzelecki (EPFL, Switzerland), Louis Traynard (EPFL, Switzerland), Bixio Rimoldi (EPFL, Switzerland)	1367
<i>Impact of Localization Errors on Wireless Channel Prediction in Mobile Robotic Networks</i>	
Yuan Yan (UC Santa Barbara, USA), Yasamin Mostofi (University of California, Santa Barbara, USA)	1374
<i>Second Order Cone Programming for Robust Localization in Mobile Sensor Networks</i>	
Ghasem Naddafzadeh Shirazi (University of British Columbia, Canada), Lutz Lampe (University of British Columbia, Canada)	1380
<i>Robotic Message Ferrying for Wireless Networks using Coarse-Grained Backpressure Control</i>	
Shangxing Wang (University of Southern California, USA), Andrea Gasparri (Roma Tre University, Italy), Bhaskar Krishnamachari (University of Southern California, USA)	1386

## Aerial Relays and Base Stations

<i>On the Performance of Aerial LTE Base-Stations for Public Safety and Emergency Recovery</i>	
Karina Mabell Gomez (Create-Net, Italy), Tinku Rasheed (Create-Net Research, Italy), Laurent Reynaud (Orange Labs, France), Sithamparanathan Kandeepan (RMIT University, Australia)	1391
<i>Clustering Approach for Aerial Base-Station Access with Terrestrial Cooperation</i>	
Sathyanarayanan Chandrasekharan (RMIT University, Australia), Sithamparanathan Kandeepan (RMIT University, Australia), Rob Evans (The University of Melbourne, Australia), Andrea Munari (German Aerospace Center (DLR), Germany), Romain Hermenier (German Aerospace Centre (DLR), Germany), Maria Antonietta Marchitti (German Aerospace Center, Germany), Karina Mabell Gomez (Create-Net, Italy)	1397
<i>Performance Evaluation of Cooperative Relay and Particle Swarm Optimization Path Planning for UAV and Wireless Sensor Network</i>	
Tu Dac Ho (Norwegian Maritime Technology Research Institute (MARINTEK), Norway), Esten Ingar Grøtli (Norwegian University of Science and Technology, Norway), Sujit Baliyarasimhuni (University of Porto - School of Engineering, Portugal), Tor Arne Johansen (Norwegian University of Science and Technology, Norway), João Borges de Sousa (Univerty of Porto, Portugal)	1403
<i>Performance Analysis of Wireless Relay Network Using Network Coding and UAS</i>	
Fumie Ono (National Institute of Information and Communications Technology, Japan), Hideki Ochiai (Yokohama National University, Japan), Kenichi Takizawa (National Institute of Information and Communications Technology, Japan), Mikio Suzuki (National Institute of Information and Communications Technology, Japan), Ryu Miura (NICT, Japan)	1409
<i>Communication Architectures and Protocols for Networking Unmanned Aerial Vehicles Networks</i>	
Jun Li (Communications Research Centre of Canada, Canada), Yifeng Zhou (Communications Research Centre, Canada), Louise Lamont (Communications Research Centre Canada, Canada)	1415

## UAV-based Sensing and Detection

<i>Exploiting Mobility Heterogeneity in Micro-Aerial Vehicle Deployments for Environment Exploration</i>	
Ben Grocholsky (Carnegie Mellon University, USA), Nathan Michael (Carnegie Mellon University, USA)	1421

<i>Squared Error Distortion Metrics for Motion Planning in Robotic Sensor Networks</i>	
Geoffrey A Hollinger (Oregon State University, USA), Chiranjib Choudhuri (University of Southern California, USA), Urbashi Mitra (University of Southern California, USA), Gaurav Sukhatme (University of Southern California, USA) .....	1426
<i>UAVSim: A Simulation Testbed for Unmanned Aerial Vehicle Network Cyber Security Analysis</i>	
Ahmad Y Javaid (University of Toledo, USA), Weiqing Sun (University of Toledo, USA), Mansoor Alam (EECS Department, USA) .....	1432