16:15 - 18:00

WN-P2: Wireless Networks Posters II

3D Compressive Sensing for Nodes Localization in WNs Based On RSS
Mohamed Amine Abid (Universite Sherbrooke, Canada); Soumaya Cherkaoui
(Université de Sherbrooke, Canada)
pp. 5195-5199

Anomaly Detection in Network Traffic Using Jensen-Shannon Divergence
Osman Salem (University of Paris Descartes, France); Farid Naït-Abdesselam
(University of Paris Descartes, France); Ahmed Mehaoua (University of Paris
Descartes, France)
pp. 5200-5204

Aggregation of DTN Bundles for Channel Asymmetric Space Communications
Zhiguo Wei (Soochow University, P.R. China); Ruhal Wang (Lamar University, USA);
Qinyu Zhang (Shenzhen Graduate School, Harbin Institute of Technology, P.R.
China); Jia Hou (Soochow University, P.R. China)
pp. 5205-5209

WN11: Scheduling in Wireless Networks

Chair: Nei Kato (Tohoku University, Japan)

16:15 Mitigating Power Law Delays: the Use of Polynomial Backoff in IEEE 802.11 DCF
Suzhi Bi (The Chinese University of Hong Kong, Hong Kong); Ying Jun (Angela)
Zhang (The Chinese University of Hong Kong, Hong Kong)
pp. 5210-5215

16:36 On-off Voice Capacity of Single-hop Cognitive Radio Networks with Distributed
Channel Access Control
Subodha Gunawardena (University of Waterloo, Canada); Weihua Zhuang (University
of Waterloo, Canada)
pp. 5216-5220
16:57 **STDMA-based Scheduling Algorithm for Concurrent Transmissions in Directional Millimeter Wave Networks**
Jian Qiao (University of Waterloo, Canada); Lin X. Cai (Huawei, USA); Sherman Shen (University of Waterloo, Canada); Jon Mark (University of Waterloo, Canada)
pp. 5221-5225

17:18 **Transmit mode selection schemes for distributed coordinated transmission of data traffic**
Christian M. Mueller (University of Stuttgart, Germany)
pp. 5226-5232

17:39 **QoE-aware Congestion Control Algorithm for Conversational Services**
Habachi Oussama (LIA, France); Yusuo Hu (Google, USA); Mihaela van der Schaar (University of California, Los Angeles (UCLA), USA); Yezekael Hayel (LIA, University of Avignon, France); Feng Wu (Microsoft Research Asia, P.R. China)
pp. 5233-5237

**WN12: Energy Efficiency**

Chair: Vojislav B. Mišić (Ryerson University, Canada)

16:15 **Energy-Efficient Coordinated Sleep of LTE Cells**
Kassem Abdallah (Scuola Superiore Sant’Anna & TeCIP Institute, Italy); Isabella Cerutti (Scuola Superiore Sant’Anna, Italy); Piero Castoldi (Scuola Superiore Sant’Anna, Italy)
pp. 5238-5242

16:36 **Optimized Energy-Aware Multicasting over Wireless Cellular Networks with Multihop Cooperation**
Lina Al-Kanj (American University of Beirut, Lebanon); Zaher Dawy (American University of Beirut, Lebanon)
pp. 5243-5248

16:57 **An Energy Efficient Antennas Allocation Method for MIMO Multicast Communications using Network Coding**
Francesco Chiti (Università degli Studi di Firenze, Italy); Romano Fantacci (University of Florence, Italy); Laura Pierucci (University of Florence, Italy); Niccolò Privitera (University of Florence, Italy)
pp. 5249-5253

17:18 **Analysis of the Energy Consumption for the Clustered Topology Constructed by Combining RNG and GCA**
Chih-Cheng Tseng (National Ilan University, Taiwan); Li-Hsun Chang (National Ilan University, Taiwan); Hwang-Cheng Wang (National Ilan University, Taiwan); Fang-Chang Kuo (National Ilan University, Taiwan); Kuo-Chang Ting (Minghsin University of Science and Technology, Hsinchu, Taiwan); Der-Jiunn Deng (National Changhua University of Education, Taiwan)
pp. 5254-5258

17:39 **Energy Saving through Cooperation using Game Theory-based Trading Model**
Alberto Nascimento (University Madeira, Portugal); Ayman Radwan (Instituto de Telecomunicações & Queen's University, Portugal); Jonathan Rodriguez (Instituto de Telecomunicações, Portugal)
Thursday, June 14

08:00 - 09:45

WN13: Resource Allocation I

Chair: Youssef Iraqi (Khalifa University, UAE)

08:00 Joint Power Allocation for Multi-Cell Distributed Antenna Systems with Large-Scale CSIT
Yanmin Wang (Tsinghua University, P.R. China); Wei Feng (Tsinghua University, P.R. China); Yifei Zhao (Tsinghua University, P.R. China); Shidong Zhou (Tsinghua University, P.R. China); Jing Wang (EE. Tsinghua University, P.R. China)
pp. 5264-5269

08:21 A Novel Convex Power Adaptation Strategy for Multicast Communications using Random Linear Network Coding Schemes
Andrea Tassi (University of Florence, Italy); Dania Marabissi (University of Florence, Italy); Romano Fantacci (University of Florence, Italy); David Di Lorenzo (University of Florence, Italy); Mirko Maischberger (University of Florence, Italy)
pp. 5270-5274

08:42 Standards-compliant LTE and LTE-A Uplink Power Control
Honghai Zhang (Google, USA); Narayan Prasad (NEC Labs America, Princeton, USA); Sampath Rangarajan (NEC Labs America, USA); Sherif Mekhail (NEC Telecom MODUS, United Kingdom); Said Said (NEC Telecom MODUS, United Kingdom); Rob Arnott (NEC Telecom MODUS, United Kingdom)
pp. 5275-5279

09:03 Towards Optimal Rate Allocation in Multi-hop Wireless Networks with Delay Constraints: A Double-Price Approach
Fan Qiu (Vanderbilt University, USA); Jia Bai (Vanderbilt University, USA); Yuan Xue (Vanderbilt University, USA)
pp. 5280-5285

09:24 QoS Driven Power Allocation Over Full-Duplex Wireless Links
Wenchi Cheng (Xidian University, P.R. China); Xi Zhang (Texas A&M University, ECE Department, USA); Hailin Zhang (Xidian University, P.R. China)
pp. 5286-5290

WN14: Vehicular & Mobile Ad Hoc Networks

Chair: Subir Biswas (University of Manitoba, Canada)

08:00 Vehicular Movement Patterns: A Prediction-Based Route Discovery Technique for VANETs
Amar Farouk Merah (University of Ottawa, Canada); Samer Samarah (University of Ottawa, Canada); Azzedine Boukerche (University of Ottawa, Canada)
08:21 Highway Multihop Broadcast Protocols for Vehicular Networks
Mohsin Barradi (University of Montreal, Canada); Abdelhakim Hafid (University of Montreal, Canada); Sultan Aljahdali (Taif University, Saudi Arabia)
pp. 5291-5295

08:42 DREAM: IEEE 802.11p/WAVE Extended Access Mode in Drive-Thru Vehicular Scenarios
Claudia Campolo (University "Mediterranea" of Reggio Calabria, Italy); Antonella Molinaro (University "Mediterranea" of Reggio Calabria, Italy)
pp. 5301-5305

09:03 Vehicular Networking for Intelligent and Autonomous Traffic Management
Sanket Gupte (University of Maryland, Baltimore County, USA); Mohamed Younis (University of Maryland Baltimore County, USA)
pp. 5306-5310

09:24 GeRA: Generic Rate Adaptation for Vehicular Networks
Ce Liu (University of Pittsburgh, USA); Siyuan Liu (Carnegie Mellon University, USA); Mounir Hamdi (HKUST, ?)
pp. 5311-5315

WN15: Heterogeneous Wireless Networks

Chair: Tiffany Jing Li (Lehigh University, USA)

08:00 A Self-Organizing Cooperative Heterogeneous Cellular Access Network for Energy Conservation
Md. Farhad Hossain (The University of Sydney, Australia); Kumudu S Munasinghe (University of Sydney, Australia); Abbas Jamalipour (University of Sydney, Australia)
pp. 5316-5320

08:21 Co-channel Interference Modelling Between RATs in Heterogeneous Wireless Networks
Jason Ernst (University of Guelph, Canada); Nidal Nasser (Alfaisal University, Saudi Arabia); Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal)
pp. 5321-5325

08:42 Pricing-Based Distributed Mobile Association for Heterogeneous Networks With Cooperative Relays
Qian (Clara) Li (Intel Corporation, P.R. China); Yiran Xu (Utah State University, USA); Rose Qingyang Hu (Utah State University, USA); Geng Wu (Intel Corporation, USA)
pp. 5326-5331

09:03 Distributed Heterogeneous Traffic Delivery over Heterogeneous Wireless Networks
Ying Li (Samsung Telecommunications America, USA); Zhouyue Pi (Samsung Telecommunications America, USA); Lingjia Liu (University of Kansas, USA)
pp. 5332-5337
09:24 QoS Assurance for Video Service over Heterogeneous Mobile Hotspots
Wei Song (University of New Brunswick, Canada); Guang Yang (University of New Brunswick, Canada); Yu Cheng (Illinois Institute of Technology, USA)
pp. 5338-5342

14:00 - 15:45

WN16: Resource Allocation II

Chair: Nidal Nasser (Alfaisal University, Saudi Arabia)

14:00 Resource Allocation for Minimal Downlink Delay in Two-way OFDM Relaying with Network Coding
Ke Xiong (Tsinghua University, P.R. China); Pingyi Fan (Tsinghua University, P.R. China); Khaled Ben Letaief (Hong Kong University of Science & Technology, Hong Kong); Su Yi (NEC Labs, P.R. China); Ming Lei (NEC Laboratories China, P.R. China)
pp. 5343-5347

14:21 Self-Organized Resource Allocation in LTE Systems with Weighted Proportional Fairness
l-Hong Hou (Texas A&M University, USA); Chung Shue Chen (Alcatel-Lucent Bell Labs & Laboratory of Information, Network and Communication Sciences (LINCS), France)
pp. 5348-5353

14:42 A Stable Matching Game for Joint Uplink/Downlink Resource Allocation in OFDMA Wireless Networks
Ahmad El-Hajj (American University of Beirut, Lebanon); Zaher Dawy (American University of Beirut, Lebanon); Walid Saad (University of Miami, USA)
pp. 5354-5359

15:03 Bit Allocation for Multi-source Multi-path P2P Video Streaming in VoD Systems over Wireless Mesh Networks
Nguyen-Son Vo (Huazhong University of Science and Technology, P.R. China); Trung Q. Duong (Blekinge Institute of Technology, Sweden); Lei Shu (Osaka University, Japan)
pp. 5360-5364

WN17: Opportunistic Wireless Networking

Chair: Vojislav B. Mišić (Ryerson University, Canada)

14:00 Opportunistic Scheduling in a Bidirectional Communication Link with Relaying
Hadi Meshgl (McMaster University, Canada); Dongmei Zhao (McMaster University, Canada)
pp. 5365-5370

14:21 Murco: An Opportunistic Network Coding Framework in Multi-radio Networks
Yang Chi (University of Cincinnati, USA); Dharma P Agrawal (University of Cincinnati, USA)
**14:42 Service Time Estimation in Multiple-Rate IEEE 802.11 WLANs with and without Opportunistic Cooperative Mechanism under unsaturated load conditions**
Kumaran Vijayasankar (Texas Instruments, USA); Lakshmi Narasimhan Kannan (Amazon dot com, USA); Marco Tacca (University of Texas at Dallas, USA); Andrea Fumagalli (UTD, USA)
pp. 5376-5380

**15:03 Local Cooperative Relay for Opportunistic Data Forwarding in Mobile Ad-hoc Networks**
Cheng Li (Memorial University of Newfoundland, Canada); Zehua Wang (Memorial University, Canada); Yuanzhu Chen (Memorial University of Newfoundland, Canada)
pp. 5381-5386

**15:24 A Privacy-preserving Proximity Friend Notification Scheme with Opportunistic Networking**
Chris Carver (University of Ontario Institute of Technology, Canada); Xiaodong Lin (University of Ontario Institute of Technology, Canada)
pp. 5387-5392

**WN18: Mobile Wireless Networks**
Chair: Youssef Iraqi (Khalifa University, UAE)

**14:00 TCP-Mobile Edge: Accelerating Delivery in Mobile Networks**
Tao Han (New Jersey Institute of Tech, USA); Nirwan Ansari (NJIT, USA); Mingquan Wu (Huawei Technologies, USA); Heather Yu (Huawei Technologies, USA)
pp. 5393-5397

**14:21 Towards Supporting Highly Mobile Nodes in Decentralized Mobile Operator Networks**
Tarik Taleb (NEC Europe Ltd., Germany); Konstantinos Samdanis (NEC Europe Ltd., Germany); Fethi Filali (QMIC, Qatar)
pp. 5398-5402

**14:42 Supporting Monitoring Applications with Mobile Wireless Sensor Networks: the eN Route Forwarding Approach**
Lorenzo Bartolozzi (Università degli Studi di Firenze, Italy); Francesco Chitti (Università degli Studi di Firenze, Italy); Romano Fantacci (University of Florence, Italy); Tommaso Pecorella (Università di Firenze & CNIT, Italy); Francesco Sgrilli (University of Florence, Italy)
pp. 5403-5407

**15:03 MR-Chord: A scheme for Enhancing Chord Lookup Accuracy and Performance in Mobile P2P Network**
Jian-Ming Chang (National Dong-Hwa University, Taiwan); Yi-Hsuan Lin (National Ilan University, Taiwan); Isaac Woungang (Ryerson University, Canada); Han-Chieh Chao (National Ilan University, Taiwan)
pp. 5408-5412
15:24 An Efficient Network Coding Based Multicast Retransmission Scheme for Mobile Communication Networks with Relays
Qiang Hu (Southeast University, P.R. China); Jun Zheng (Southeast University, P.R. China)
pp. 5413-5417

16:15-18:00

WN19: Performance Evaluation for Wireless Networks
Chair: Nidal Nasser (Alfaisal University, Saudi Arabia)

16:15 The Influence of Meteorological Variables on the Performance of Outdoor Wireless Local Area Networks
Diana Bri (Universidad Politecnica de Valencia, Spain); Francisco Ramos (Universidad Politecnica de Valencia, Spain); Jaime Lloret (Universidad Politécnica de Valencia, Spain); Miguel Garcia (Universidad Politecnica de Valencia, Spain)
pp. 5418-5422

16:36 Performance evaluation of selection schemes for offloading traffic to IEEE 802.11 hotspots
Sven Wietholter (Technical University of Berlin, Germany); Marc Emmelmann (Fraunhofer FOKUS, Germany); Robert Andersson (Technical University of Berlin, Germany); Adam M Wolisz (Technical University of Berlin, Germany)
pp. 5423-5428

16:57 Performance Evaluation of Multihomed NEMO
Md Shohrab Hossain (University of Oklahoma, USA); Mohammed Atiquzzaman (University of Oklahoma, USA); William D. Ivancic (NASA Glenn Research Center, USA)
pp. 5429-5433

17:18 On the Performance of Redundant Traffic Elimination in WLANs
Emir Halepovic (University of Calgary, Canada); Majid Ghaderi (University of Calgary, Canada); Carey Williamson (University of Calgary, Canada)
pp. 5434-5439

17:39 History Based Predictive Routing in Multi-lane Delay Tolerable VANETs
Zhengni Huang (Shanghai Jiao Tong University & Not Applicable, P.R. China); Shangxing Wang (Shanghai Jiao Tong University, P.R. China); Ben Ding (Shanghai Jiao Tong University, P.R. China); Xinbing Wang (Shanghai Jiaotong University, P.R. China); Mohsen Guizani (QU, USA)
pp. 5440-5444

WN20: Modeling and Optimization
Chair: Abd-Elhamid M. Taha (Alfaisal University, Saudi Arabia)
16:15 Particle Swarm Optimization Based Approach to Solve the Multiple Sink Placement Problem in WSNs
Haidar Safa (American University of Beirut, Lebanon); Wassim El-Hajj (American University of Beirut, Lebanon); Hanan Zoubian (American University of Beirut, Lebanon)
pp. 5445-5450

16:36 Performance Optimization in Single Channel Directional Multi-Interface IEEE 802.11s EDCA using Beam Prioritization
Sandip Chakraborty (Indian Institute of Technology Guwahati, India); Sidharth Sharma (Department of CSE, IIT Patna, India); Sukumar Nandi (Indian Institute of Technology, Guwahati, India)
pp. 5451-5456

16:57 Modeling Random CSMA Wireless Networks in General Fading Environments
Hesham ElSawy (University of Manitoba, Canada); Ekram Hossain (University of Manitoba, Canada)
pp. 5457-5461

17:18 MAC Performance Modeling of IEEE 802.15.6-based WBANs over Rician-faded channels
Saeed Rashwand (University of Manitoba, Canada); Jelena Mišić (Ryerson University, Canada); Vojislav B. Mišić (Ryerson University, Canada)
pp. 5462-5467

17:39 Modeling and Analysis of an Energy-efficient Sleep-mode Operation in IEEE 802.16e System
Eunmi Chu (Korea Advanced Institute of Science and Technology, Korea); Byoung Hoon Jung (Korea Advanced Institute of Science and Technology, Korea); Dan Keun Sung (Korea Advanced Institute of Science and Technology, Korea); Yunju Park (KSA of KAIST, Korea)
pp. 5468-5472

WN21: Routing in Wireless Networks

Chair: Salil Kanhere (The University of New South Wales, Australia)

16:15 A Geographic Routing Oriented Sleep Scheduling Algorithm in Duty-Cycled Sensor Networks
Chunsheng Zhu (St. Francis Xavier University, Canada); Laurence T. Yang (St. Francis Xavier University, Canada); Lei Shu (Osaka University, Japan); Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal); Takahiro Hara (Osaka University, Japan)
pp. 5473-5477

16:36 Localized Load-aware Geographic Routing in Wireless Ad Hoc Networks
Xu Li (University of Waterloo, Canada); Nathalie Mitton (Inria Lille - Nord Europe, France); Amiya Nayak (SITE, University of Ottawa, Canada); Ivan Stojmenovic (University of Ottawa, Canada)
pp. 5478-5482
16:57 Joint Routing, Scheduling and Power Allocation in OFDMA Wireless Ad Hoc Networks
Rozita Rashtchi (Carleton University, Canada); Ramy Gohary (Carleton University, Canada); Halim Yanikomeroglu (Carleton University, Canada)
pp. 5483-5487

17:18 MQBM: an autonomic QoS multicast routing protocol for mobile ad hoc networks
Salim Bitam (Mohamed Khider University of Biskra, Algeria); Abdelhamid Mellouk (UPEC, University Paris-Est Creteil Val de Marne, France)
pp. 5488-5492
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<td>09:00</td>
<td>K1: Keynote presentation</td>
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<td>09:45</td>
<td>S1: Multicast Services</td>
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<td>11:00</td>
<td>S2: Optimizing virtual resource utilization</td>
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**Monday, June 11**

09:00 - 09:45

**K1: Keynote presentation**

Chair: Hendrik Berndt (DOCOMO Communications Laboratories Europe, Germany)

09:45 - 10:30

**S1: Multicast Services**

Multicast Services
Chair: Hendrik Berndt (DOCOMO Communications Laboratories Europe, Germany)

- **09:45** A Layered-based Resource Allocation Algorithm for Multicast Services in OFDMA System
  - Lei Chen (Beijing University of Posts and Telecommunications, P.R. China)
  - pp. 5493-5497

- **10:07** Resource Allocation with Coding Schemes for Multicast Services in Single Frequency Networks
  - Lei Chen (Beijing University of Posts and Telecommunications, P.R. China)
  - pp. 5498-5502

11:00 - 11:40

**S2: Optimizing virtual resource utilization**

Optimizing virtual resource utilization
Chair: Hendrik Berndt (DOCOMO Communications Laboratories Europe, Germany)

- **11:00** Use Cases and Derived Requirements for a Reconfigurable Mobile Network
  - Sandra Herker (DoCoMo Euro Labs, Germany); Ishan Vaishnavi (Huawei Research Centre, Germany); Ashiq Khan (NTT DOCOMO, Inc. & DOCOMO Communications...
11:20 A Novel Indoor Localization Method based on Virtual AP Estimation
Yijun Mo (Huazhong University of Science and Technology, P.R. China); Yifeng Cai (Huazhong University of Science and Technology, P.R. China); Bang Wang (Huazhong University of Science and Technology, P.R. China)
pp. 5508-5512

11:40 - 13:00
P1: Panel

Chair: Hendrik Berndt (DOCOMO Communications Laboratories Europe, Germany)
Monday, June 11

08:30 - 08:45

Workshop Opening

Room: M5
Chair: Josef Urban (Nokia Siemens Networks, Germany)

08:45 - 09:30

Key Note Talk - Intra Data Center

Speaker: Renaud Larsen (Juniper)
Room: M5
Chair: Holger Macho (IBM, Germany)

09:30 - 12:30

Intra - Data Center Session

Room: M5
Chair: Holger Macho (IBM, Germany)

09:30 Scaling-Up Network Servers in N:1 Redundant Systems by Using I/O Virtualization

Jun Suzuki (NEC Corporation, Japan); Takayuki Miyagaki (NEC Corporation, Japan); Madoka Komatsubara (NEC Corporation, Japan); Kazuteru Ohmori (NEC Corporation, Japan); Hiroshi Baba (NEC Corporation, Japan); Kazuhiro Egashira (NEC Corporation, Japan); Hiroshi Shimamoto (NEC Corporation, Japan); Masaki Tachibana (NEC Corporation, Japan); Katsuyuki Akizuki (NEC Communication Systems, Japan); Satoshi Tsuchiya (NEC Communication Systems, Japan); Youichi
10:00 1st coffee break

10:30 Optimal Media Storage in Federated Cloud Environments
Xiao Su (San Jose State University, USA); Brandon Schlinker (San Jose State University, USA); Yi Shang (University of Missouri, USA); Zhenzhen Ye (IBM, USA)
pp. 5518-5522

11:00 Quantifying the Performance Impact of Overbooking Virtualized Resources
David Hoeflin (AT&T Labs, USA); Paul Reeser (AT&T Labs, USA)
pp. 5523-5527

11:30 A Fault-Tolerant Multicast Routing for Fat-Tree Based Data Center Networks
Ching-Te Chiu (National Tsing Hua University, Taiwan)
pp. N/A

12:00 On the Usability of OpenFlow In Data Center Environments
Rastin Pries (University of Wuerzburg, Germany); Michael Jarschel (University of Wuerzburg, Germany); Sebastian Goll (University of Wuerzburg, Germany)
pp. 5533-5537

12:30-14:00 Lunch

14:00 - 14:30

Key Note Talk - Inter - Data Center User - Data Center
Speaker: xy
Room: M5
Chair: Wolfgang Kellerer (Technische Universität München, Germany)

14:30 - 16:30

Inter - Data Center / User - Data Center
Room: M5
Chair: Wolfgang Kellerer (Technische Universität München, Germany)

14:30 Optimal Routing and Bandwidth Allocation for Multiple Inter-Datacenter Bulk Data Transfers
Yiwen Wang (Beijing University of Posts and Telecommunications, P.R. China); Sen Su (Beijing University of Posts & Telecommunications (BUPT), P.R. China); Sujuan Jiang (Beijing University of Posts and Telecommunications, P.R. China); Zhongbao Zhang (Beijing University of Posts and Telecommunications, P.R. China); Kai Shuang (Beijing University of Posts and Telecommunications, P.R. China)
15:00 *libNetVirt: the network virtualization library*
Daniel Turull (KTH Royal Institute of Technology, Sweden); Markus Hidell (KTH Royal Institute of Technology, Sweden); Peter Sjödin (KTH, Sweden)
pp. 5543-5547

15:30 2nd coffee break

16:00 *Assessing Network Path Vulnerabilities for Secure Cloud Computing*
Sachin Shetty (Tennessee State University, USA); Nicholas Luna (Tennessee State University, USA); Kaiqi Xiong (Rochester Institute of Technology, USA)
pp. 5548-5552

16:30 - 18:00

Panel on Clouds, Networks and Data Centers

Panelists: Wolfgang Kellerer (NTT Docomo), Leonidas Kontothanassis (Google), Holger Macho (IBM), Prof. Phuoc Tran-Gia (University of Wuertzburg)
Room: M5
Chair: Glen Hunt (Current Analysis, USA)
## ICC'12 WS - CoCoNet 4: Workshop on Cooperative and Cognitive Mobile Networks - Program

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<td>08:30-09:30</td>
<td><strong>S1: Keynote</strong>&lt;br&gt;Room: M11&lt;br&gt;Chair: Frank H.P. Fitzek (Aalborg University, Denmark)</td>
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<td>09:30-12:00</td>
<td><strong>S2: Cooperative networking</strong>&lt;br&gt;Room: M11&lt;br&gt;Chair: Frank H.P. Fitzek (Aalborg University, Denmark)</td>
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#### S1: Keynote

**10:00 Delay-optimal Fair Scheduling and Resource Allocation in Multiuser Wireless Relay Networks**<br>Mohammad Moghaddari (University of Manitoba, Canada); Ekram Hossain (University of Manitoba, Canada); Long Bao Le (INRS, University of Quebec, Canada)<br>pp. 5553-5557

**10:15 Prolonged Network Life-time in Self-Organizing Peer-to-Peer Networks with E-RSSI Clustering**<br>Mehdi Tavakoli (TU Ilmenau, Germany); Bilal Zafar (Ilmenau University of Technology, Germany); Martin Haardt (Ilmenau University of Technology, Germany)<br>pp. 5558-5562

**10:30 Mode Selection for Device-to-Device (D2D) Communication under LTE-Advanced Networks**<br>Ziyang Liu (Beijing University of Post and Telecommunication, P.R. China); Tao Peng (Beijing University of Posts & Telecommunications, P.R. China); Shang Xiang (Beijing University of Posts and Telecommunications, P.R. China); Wenbo Wang (Beijing University of Posts and Telecommunications, P.R. China)<br>pp. 5563-5567
10:45 Airborne Trace Prediction based Relay Selection for Cooperative Communications in Aircraft Approach
Hua Li (Shanghai Jiao Tong University, P.R. China); Cunqing Hua (Shanghai Jiao Tong University, P.R. China); Cailian Chen (Shanghai Jiao Tong University, P.R. China); Xingping Guan (Shanghai Jiao Tong University, P.R. China)
pp. 5568-5572

11:00 Queue-aware Power Allocation for Multi-way Relay Networks
Miao Wang (Beijing Jiaotong University, P.R. China); Fanggang Wang (Beijing Jiaotong University, P.R. China); Zhangdui Zhong (Beijing Jiaotong University, P.R. China)
pp. 5573-5577

11:15 Opportunistic Relay Selection for Cooperative Networks with Buffers
Ioannis Krikidis (University of Cyprus, Cyprus); Themistoklis Charalambous (Royal Institute of Technology (KTH), Sweden); John Thompson (University of Edinburgh, United Kingdom)
pp. 5578-5582

11:30 A Low Complexity Equalization Method for Asynchronous Cooperative Relay Systems
Yanxiang Jiang (Southeast University, P.R. China); Jun Xiao (Southeast University, P.R. China); Xiaohu You (Southeast University, P.R. China)
pp. N/A

11:45 Distributed Opportunistic and Diffused Coding in Multi-hop Wireless Networks
Thuong Van Vu (Universite Pierre et Marie Curie, France); Thi Mai Trang Nguyen (Universitè Pierre et Marie Curie & LIP6, France); Guy Pujolle (University Pierre et Marie Curie - Paris 6, France)
pp. 5583-5587

14:00 - 15:30
S3: Cognitive radio

Room: M11
Chair: Frank H.P. Fitzek (Aalborg University, Denmark)

14:00 Radio Access Behavior (RAB) Based Cognitive Radio Classification and Identification
Nansai Hu (Stevens Institute of Technology, USA); Yu-Dong Yao (Stevens Institute of Technology, USA)
pp. 5588-5592

Carlos Herranz (Polytechnic University of Valencia, Spain); Vicente Osa (Universitat Politècnica de València, Spain); Jose F. Monserrat (Polytechnic University of Valencia, Spain); Daniel Calabuig (Universidad Politecnica de Valencia, Spain); Narcis Cardona (Universidad Politècnica Valencia, Spain); Xavier Gelabert (King's College London & Centre for Telecommunications Research (CTR), United Kingdom)
14:30 PAPR Reduction in OFDM Based Cognitive Radio with Blockwise-Subcarrier Activation
Abolfazl Ghassemi (Stanford University, USA); T. Aaron Gulliver (University of Victoria, Canada)
pp. 5598-5602

14:45 New Resource Allocation Scheme for Cognitive Relay Networks with Opportunistic Access
Ammar Zafar (King Abdullah University of Science and Technology, Saudi Arabia); Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia); Yunfei Chen (University of Warwick, United Kingdom); Redha M Radaydeh (Alfaisal University, Saudi Arabia)
pp. 5603-5607

15:00 MAC Protocol Identification Approach for Implement Smart Cognitive Radio
Sanqing Hu (Stevens Institute of Technology, USA); Yu-Dong Yao (Stevens Institute of Technology, USA); Zhuo Yang (Stevens Institute of Technology (USA), USA)
pp. 5608-5612

15:15 Cooperation for Secure Broadcasting in Cognitive Radio Networks
Frederic Gabry (KTH Royal Institute of Technology, Sweden); Nicolas Schrammar (KTH Royal Institute of Technology, Sweden); Maksym A. Girnyk (KTH Royal Institute of Technology, Sweden); Nan Li (KTH Royal Institute of Technology, Sweden); Ragnar Thobaben (KTH Royal Institute of Technology, Sweden); Lars K. Rasmussen (KTH Royal Institute of Technology, Sweden)
pp. 5613-5618

16:00 - 18:00
S4: Network coding

Room: M11
Chair: Frank H.P. Fitzek (Aalborg University, Denmark)

16:00 Antenna Selection Schemes for Energy Efficiency in Distributed Antenna Systems
Hong Li (Huawei Technologies Sweden AB, Sweden); Georgios P. Koudouridis (Huawei Technologies Sweden R&D Center & Royal Institute of Technology, Sweden); Jiayin Zhang (Huawei Technologies Co., Ltd, P.R. China)
pp. 5619-5623

16:15 CoMP In Heterogeneous Networks: A Low-Complexity Linear Transceiver Design
Tarik Akbudak (University of Duisburg-Essen, Germany); Andreas Czyliwik (Universität Duisburg-Essen, Germany)
pp. 5624-5629
16:30 Game Theoretic Network Coding-aided MAC for Data Dissemination towards Energy Efficiency
Angelos Antonopoulos (Telecommunications Technological Centre of Catalonia (CTTC), Spain); Christos Verikoukis (Telecommunications Technological Centre of Catalonia, Spain)
pp. 5630-5634

16:45 Variational-distance-based Modulation Classifier
Fanggang Wang (Beijing Jiaotong University, P.R. China); Chung Chan (The Chinese University of Hong Kong, Hong Kong)
pp. 5635-5639

17:00 Diversity Analysis of Two-Way MIMO Relaying System Based on Zero-Forcing
Hang Long (Beijing University of Posts & Telecommunications, P.R. China); Wei Xiang (University of Southern Queensland, Australia); Hongmei Liu (Beijing University of Posts and Telecommunications (BUPT), P.R. China); Shanshan Shen (Beijing University of Posts and Telecommunications, P.R. China)
pp. 5640-5644

17:15 Joint Pre-coder and Decoder Design for Physical Layer Network Coding based MIMO Two-Way Relay System
Saliya Jayasinghe (CWC, University of Oulu, Finland); Nandana Rajatheva (University of Oulu, Finland); Matti Latva-aho (UoOulu, Finland)
pp. 5645-5649
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<tr>
<td>08:20</td>
<td>Welcome: Dr. Periklis Chatzimisios (Alexander TEI of Thessaloniki) CONWIRE Co-Chair</td>
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<td>08:30</td>
<td>Welcome Address and Opening remarks</td>
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<td>Room: M7</td>
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<td>Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)</td>
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<tr>
<td>08:30</td>
<td>Keynote 1: Keynote Speech - Prof. Nirwan Ansari (New Jersey Institute of Technology, USA)</td>
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<tr>
<td></td>
<td>Title: The Making Over of TCP for Heterogeneity</td>
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<td>Room: M7</td>
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</table>
Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)

09:00 - 10:00

S1: Session 1 - Handover Services in Heterogeneous Wireless Networks

Room: M7
Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)

09:00 Evaluation of Discovery Mechanisms for Media Independent Handover Services
Daniel Corujo (Instituto de Telecomunicações Aveiro & Universidade de Aveiro, Portugal); Carlos Eduardo Magalhães Guimarães (Instituto de Telecomunicações - Pólo de Aveiro, Portugal); Rui L Aguiar (University of Aveiro & Instituto de Telecomunicações, Portugal)
pp. 5650-5654

09:20 Vertical Handover Decision Making Using QoS Reputation and GM(1,1) Prediction
David Giacomin (Concordia University, Canada); Anjali Agarwal (Concordia University, Canada)
pp. 5655-5659

09:40 Location Assisted Energy Efficiency for Multi-Interfaced Mobile Terminals
Joaquim Bastos (Instituto de Telecomunicações, Portugal); Michele Albano (CISTER/INESC-TEC, ISEP, Polytechnic Institute of Porto, Portugal); Jonathan Rodríguez (Instituto de Telecomunicações, Portugal); Christos Verikoukis (Telecommunications Technological Centre of Catalonia, Spain)
pp. 5660-5664

10:00 Coffee break

10:30 - 11:00

Invited 1: Invited Talk 1 - Konstantinos Samdanis (NEC Europe Ltd, Germany)

Title: Energy Efficient Mobile Backhaul for Heterogeneous Access Networks: A transport perspective based on the BBF Architecture
Room: M7
Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)

11:00 - 12:30

S2: Session 2 - Performance Evaluation and Optimization Techniques for Heterogeneous Wireless Systems

Room: M7
Chair: Jonathan Rodríguez (Instituto de Telecomunicações, Portugal)
11:00 On the analysis of WiFi communication and WiMAX network entry over single radios
Sven Wiethölter (Technical University of Berlin, Germany); Marc Emmelmann (Fraunhofer FOKUS, Germany); Yerong Chen (TU Berlin, Germany); Adam M Wolisz (Technical University of Berlin, Germany)
pp. 5665-5669

11:22 Opportunistic Multihop Wireless Communications with Calibrated Channel Model
Petros Spachos (University of Toronto, Canada); Liang Song (University of Toronto, Canada); Dimitrios Hatzinakos (University of Toronto, Canada)
pp. 5670-5674

11:45 Performance Evaluation of Wireless Mesh Networks using IEEE 802.11s and IEEE 802.11n
Thomas Imboden (Southern Illinois University Carbondale, USA); Kemal Akkaya (Southern Illinois University Carbondale, USA); Zach Moore (Southern Illinois University Carbondale, USA)
pp. 5675-5679

12:07 Life-logging in Smart Environments: Challenges and Security Threats
Nikolaos E. Petroulakis (Foundation for Research and Technology - Hellas, Greece); Yannis Askoxylakis (FORTH-ICS, Greece); Theo Tryfonas (University of Bristol, United Kingdom)
pp. 5680-5684

12:30 - 14:00
Lunch: Lunch break

14:00 - 15:30
S3: Session 3 - Radio Resource and Mobility Management

Room: M7
Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)

14:00 A centralised broker-based CR network architecture for TVWS exploitation under the RTSSM policy
Athina Bourdena (University of the Aegean, Greece); Evangelos Pallis (Technological Educational Institute of Crete, Greece); Georgios Kormentzas (University of the Aegean, Greece); George Mastorakis (Technological Educational Institute of Crete, Greece)
pp. 5685-5689

14:22 Radio Resource Mobility Management in B3G Heterogeneous Networks
Leifang Hui (Xidian University, P.R. China); Jilandong Li (Xidian University, P.R. China); Weijia Han (University of Xi'dain, P.R. China)
pp. 5690-5694
14:45 On the Area Spectral Efficiency Improvement of Heterogeneous Network by Exploiting the Integration of Macro-Femto Cellular Networks
Muhammad Zeeshan Shakir (Texas A&M University at Qatar (TAMUQ), Qatar); Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)
pp. 5695-5700

15:07 A Spectral Efficient Multi-Mode Relaying Technique
Nikolaos Nomikos (University of the Aegean, Greece); Dimitrios N Skoutas (University of the Aegean, Greece); Demosthenes Vouyioukas (University of the Aegean, Greece); Harry Skianis (University of the Aegean, Greece)
pp. 5701-5705

15:30 Coffee break

16:00 - 16:30
Invited 2: Invited Talk 2 - Prof. Andrea Goldsmith (Stanford University, USA)
Title: Wireless network convergence: challenges and opportunities
Room: M7
Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)

16:30 - 18:00
Panel: Panel - Advances and Future Trends for Convergence among Heterogeneous Wireless Systems

Martin Maier (Institut National de la Recherche Scientifique, Canada), Yves Lostanlen (Siradel/University of Toronto, Canada), Vasilis Friderikos (King's College London, UK), Marcos Katz (University of Oulu, Finland)
Room: M7
Chair: Periklis Chatzimisios (Alexander Technological Educational Institute of Thessaloniki, Greece)

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<td>E2NETS-PHY: Energy Efficiency in Physical Layer</td>
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<td>10:00 - 10:45</td>
<td>E2NETS-NET: Energy Efficiency in Datalink and Network Layers</td>
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<td>10:45 - 12:15</td>
<td>E2NETS-APPL: Energy Efficiency in Application Layer</td>
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<td>12:15 - 14:00</td>
<td>E2NETS-CELL: Energy Efficiency in Cellular Networks</td>
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<td>16:30 - 18:00</td>
<td>E2NETS-APPL: Energy Efficiency in Application Layer</td>
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Monday, June 11

08:30 - 10:00

E2NETS-PHY: Energy Efficiency in Physical Layer

Chair: Tinku Rasheed (Create-Net Research, Italy)

08:30 On the Capacity of Rician Fading Channels With Full Channel State Information at Low SNR

Zouheir Rezki (King Abdullah University of Science and Technology (KAUST), Saudi Arabia); Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)

pp. 5706-5710

08:50 A High Energy Efficient Scheme with Selecting Sub-carriers Modulation in OFDM System

Long Zhao (Beijing University of Posts and Telecommunications, P.R. China); Hui Zhao (Beijing University of Posts and Telecommunications, P.R. China); Kan Zheng (Beijing University of Posts & Telecommunications, P.R. China); Yunchuan Yang (Beijing University of Posts and Telecommunications, P.R. China)

pp. 5711-5715

09:10 Comparison of Energy-Efficiency in Bits per Joule on different downlink CoMP Techniques

Kazi Mohammed Saidul Huq (Institute of Telecommunications, Portugal); Shahid Mumtaz (Institute of Telecommunications, Portugal); Jonathan Rodriguez (Instituto de Telecomunicações, Portugal); Rui L Aguiar (University of Aveiro & Instituto de Telecomunicações, Portugal)

pp. 5716-5720
10:45 - 12:15

E2NETS-NET: Energy Efficiency in Datalink and Network Layers

Chair: Ignas G.M.M. Niemegeers (Delft University of Technology, The Netherlands)

10:45 RPL Router Discovery for Supporting Energy-Efficient Transmission in Single-hop 6LoWPAN
Wilawan Rukpakavong (Loughborough University, United Kingdom); Iain Phillips (Loughborough University, United Kingdom); Lin Guan (Loughborough University, United Kingdom); George Oikonomou (University of Bristol, United Kingdom)
pp. 5721-5725

11:05 GCF: Green Conflict Free TDMA Scheduling for Wireless Sensor Network
Pranav Pawar (University of Aalborg, India); Rasmus Hjorth Nielsen (Aalborg University & Center for TeleInfrastruktur, Denmark); Neeli Rashmi Prasad (Center for TeleInFrastruktur (CTIF), Denmark); Shingo Ohmori (CTIF-Japan, Aalborg University & YRP International Alliance Institute, Japan); Ramjee Prasad (Aalborg University, Denmark)
pp. 5726-5730

11:25 Ultra-Low-Power Sensor Nodes Featuring a Virtual Runtime Environment
Emanuele Lattanzi (University of Urbino, Italy); Alessandro Bogliolo (University of Urbino, Italy)
pp. 5731-5735

14:00 - 15:30

E2NETS-APPL: Energy Efficiency in Application Layer

Chair: Honggang Zhang (Zhejiang University, P.R. China)

14:00 An Energy-Efficient Content-Centric Approach in Mesh Networking
Marica Amadeo (University Mediterranea of Reggio Calabria, Italy); Antonella Molinaro (University "Mediterranea" of Reggio Calabria, Italy); Giuseppe Ruggeri (University of Reggio Calabria, Italy)
pp. 5736-5740

14:20 A Bi-Objective Algorithm for Dynamic Reconfiguration of Mobile Networks
Kesav Ram Kaza (IIIT Hyderabad, India); Kishore Kshirsagar (International Institute of Information Technology, India); Krishnan S Rajan (International Institute of Information Technology Hyderabad, India)
pp. 5741-5745

14:40 Opportunistic exploitation of resources for improving the energy-efficiency of wireless networks
Dimitrios Karvounas (University of Piraeus, Greece); Andreas Georgakopoulos (University of Piraeus, Greece); Dimitra Panagiotou (University of Piraeus, Greece); Vera Stavroulaki (University of Piraeus, Greece); Kostas Tsagkaris (University of Piraeus, Greece); Panagiotais Demestichas (University of Piraeus, Greece)
pp. 5746-5750
16:30 - 18:00

E2NETS-CELL: Energy Efficiency in Cellular Networks

Chair: Venkatesha Prasad (Delft University of Technology, The Netherlands)

16:30 Evaluating an Energy-efficient Radio Architecture for Opportunistic Communication
Sylvia T. Kouyoumdjieva (KTH, Royal Institute of Technology, Sweden); Olafur R Helgason (KTH, Royal Institute of Technology, Sweden); Emre A. Yavuz (Royal Institute of Technology (KTH), Sweden); Gunnar Karlsson (KTH Royal Institute of Technology, Sweden)
pp. 5751-5756

16:50 Energy-efficient Relay Deployment in Next Generation Cellular Networks
Guiying Wu (University of Electronic Science and Technology of China, P.R. China); Gang Feng (University of Electronic Science and Technology of China, P.R. China)
pp. 5757-5761

17:10 Energy Scope of Handoff Strategies in Macro-Femtocell Environments
Jaime Peña León (King Abdullah University of Science and Technology, Saudi Arabia); Faouzi Bader (CTTC & Centre Tecnologic de Telecomunicacions de Catalunya, Spain); Mohamed-Slim Alouini (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)
pp. 5762-5766

17:30 Distributed Energy-Efficient Power Optimization in Two-Tier Femtocell Networks
Wei Zheng (BUPT, P.R. China); Tao Su (Beijing University of Posts and Telecommunications, P.R. China); Wei Li (Beijing University of Posts and Telecommunications, P.R. China); Zhenping Lu (Beijing University of Posts and Telecommunication, P.R. China); Xiangming Wen (Beijing University of Posts and Telecommunication, P.R. China)
pp. 5767-5771
### ICC'12 WS - EHC: International Workshop on Energy Harvesting for Communication - Program

#### Friday, June 15

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<td><strong>F1_S2: Presentations 2-6</strong></td>
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**08:30 - 10:00**

**F1_S1: Keynote Talk and Presentation 1**

Room: F1  
Chair: Alireza Seyedi (University of Central Florida, USA)

**08:30** *A self-powered wireless sensor for water/gas metering systems*  
Dario Di Zenobio (Fondazione Ugo Bordoni, Italy); Kris Steenhaut (Vrije Universiteit Brussel, Belgium); Massimo Celidonio (Fondazione Ugo Bordoni, Italy); Emanuele Sergio (Fondazione Ugo Bordoni, Italy); Yannick Verbelen (Vrije Universiteit Brussel, Belgium)  
pp. 5772-5776

**10:30 - 12:30**

**F1_S2: Presentations 2-6**

Room: F1  
Chair: Alireza Seyedi (University of Central Florida, USA)

**10:30** *Statistical Models for Harvested Power from Human Motion*  
Shenqiu Zhang (University of Rochester, USA); Alireza Seyedi (University of Central Florida, USA)  
pp. 5777-5781

**10:50** *Operation Policies for Energy Harvesting Devices with Imperfect State-of-Charge Knowledge*  
Nicolò Michelusi (University of Padova, Italy); Kostas Stamatiou (University of Notre Dame, USA); Leonardo Badia (Università degli Studi di Padova, Italy); Michele Zorzi (University of Padova, Italy)  
pp. 5782-5787

**11:10** *Outage Minimization in Fading Channels under Energy Harvesting Constraints*  
Chuan Huang (Texas A&M University, USA); Rui Zhang (National University of Singapore, Singapore); Shuguang Cui (Texas A&M University, USA)  
pp. 5788-5793
11:30 Optimal power allocation for a wireless multi-antenna energy harvesting node with arbitrary input distribution
Maria Gregori (CTTC, Spain); Miquel Payaró (CTTC, Spain)
pp. 5794-5798

11:50 Sensing and Communication Tradeoff in Energy Harvesting Sensors
Srinivas Reddy (Indian Institute of Science, India)
pp. N/A
Monday, June 11

08:30 - 10:00

S1: Pub/Sub & Routing

Chair: Lixin Gao (University of Massachusetts at Amherst, USA)

08:30 CCNFRR: Fast one-hop Re-Route in CCN
Younggi Kim (Korea Advanced Institute of Science and Technology, Korea); Jihoon An (KAIST, Korea); Younghee Lee (KAIST, Korea)
pp. 5799-5803

08:50 On Flexible Topology Formation in Publish-Subscribe Networks
Borislava Gajic (RWTH Aachen University, Germany); Janne Riihijarvi (RWTH Aachen University, Germany); Petri Mähönen (RWTH Aachen University, Germany)
pp. 5804-5809

09:10 A Concept for Publish-Subscribe Information Dissemination and Networking
Joseph P. Loyall (BBN Technologies, USA); Matthew Gillen (BBN Technologies, USA); Karen Zita Haigh (BBN Technologies, USA); Robert Walsh (BBN Technologies, USA); Craig Partridge (BBN Technologies, USA); Gregory Lauer (Raytheon BBN Technologies, USA); Timothy Strayer (Raytheon BBN Technologies, USA)
p. 5810-5816

09:30 ISP Tiered Model based Architecture for Routing Scalability
Yoshihiro Nozaki (Rochester Institute of Technology, USA); Hasan Tuncer (Rochester Institute of Technology, USA); Nirmala Shenoy (University of Rochester, USA)
pp. 5817-5821

10:30 - 12:30

S2: Content/Information Oriented Networks

Chair: Lixin Gao (University of Massachusetts at Amherst, USA)
10:30 A TLV-Structured Data Naming Scheme for Content-Oriented Networking
Hang Liu (InterDigital Communications, USA); Dan Zhang (WINLAB, Rutgers University, USA)
pp. 5822-5827

10:50 Performance Evaluation of Partial Deployment of Breadcrumbs in Content Oriented Networks
Tatsuhiro Tsutsui (Kansai University, Japan); Hiroyuki Urabayashi (Kansai University, Japan); Miki Yamamoto (Kansai University, Japan); Elisha Rosensweig (UMass Amherst, Israel); Jim Kurose (University of Massachusetts at Amherst, USA)
pp. 5828-5832

11:10 Simulation Tools Enabling Research on Information-centric Networks
Nikolaos Vastardis (University of Essex, United Kingdom); Andreas Bontozoglou (University of Essex, United Kingdom); Kun Yang (University of Essex, United Kingdom); Martin Reed (University of Essex, United Kingdom)
pp. 5833-5838

11:30 Incentivizing User-assisted Content Distribution in Information-Centric Network
HyunYong Lee (The University of Tokyo, Japan); Akihiro Nakao (University of Tokyo, Japan)
pp. 5844-5848

11:50 The Value Centric Information and Intelligence Sharing Scheme
Shinichi Doi (NTT & Network Innovation Laboratories, Japan)
pp. 5849-5853

14:00 - 15:30

S3: Mobility Aware Networks

Chair: Lixin Gao (University of Massachusetts at Amherst, USA)

14:00 Storage-Aware Routing for Robust and Efficient Services in the Future Mobile Internet
Nehal Somanl (WINLAB, Rutgers University, USA); Abhishek Chanda (WINLAB, Rutgers University, USA); Samuel C. Nelson (BBN Technologies, USA); Dipankar Raychaudhuri (Rutgers University, USA)
pp. 5849-5853

14:20 Supporting Seamless Mobility in Named Data Networking
Ravishankar Ravindran (Huawei & Huawei, USA); Samantha Lo (Georgia Institute of Technology, USA); Xinwen Zhang (Huawei, USA); Guoqiang Wang (Huawei, USA)
pp. 5854-5859