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Speaker: John Apostolopoulos, CTO and Vice President, Cisco, USA

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Kwang-il Hwang (Incheon National University, Korea); In Jang (Incheon National University, Korea)
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CNC IX: Network Algorithms

Keynote Talk: Software-Defined Access Networks: Unbundled Competitive Broadband

Speaker: John M. Cioffi. Hitachi Professor Emeritus, Stanford University, USA

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CIS I: Communications and Information Security I

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Arman Shojaeifard (University of Manchester, United Kingdom); Hadi Saki (King's College London & Centre for Telecommunications Research, United Kingdom); Mohammad Mirtavoosi Mahyari (King's College London, United Kingdom); Mohammad Shikh-Bahaei (Kings college London, United Kingdom)
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Plenary Talk: Video Game as a Service – Cloud Computing Enabled Mobile Video Gaming

Speaker: Victor C. M. Leung. Professor and TELUS Mobility Research Chair, UBC, Canada

Plenary Talk: Collaborative Innovation for ICT-Enabled Future Society Solutions

Speaker: Yasunori Mochizuki. Vice President, NEC Corporation, Japan

Invited Position Talks II

Wide-Area Real-Time Surveillance Using Electric Vehicles and Helicopters for Disaster Recovery
Kenichi Mase (Niigata University, Japan)

Energy-Delay Tradeoff in Hyper-Cellular Networks with Base Station Sleeping Control
Zhisheng Niu (Tsinghua University, P.R. China)

Improving QoS in Real-Time Internet Applications: From Best-Effort to Software-Defined Networks
Sergey Gorlatch (University of Munster, Germany); Tim Humernbrum (University of Münster, Germany); Frank Glinka (University of Muenster, Germany)
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Heng Wang (Chongqing University, P.R. China); Hongjia Li (Institute of Acoustics, Chinese Academy of Sciences & Beijing University of Posts and Telecommunications, P.R. China); Zejue

WN I: Wireless Networks I

CQSM: Communication QoS and System Modeling

Analysis of Realized Peer-to-Peer Streaming Topologies by Kronecker Graphs
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Speaker: Randy Katz. United Microelectronics Corporation Distinguished Professor, University of California, Berkeley, USA

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Ahasanun Nessa (Écoledetechnologiesupérieure, Canada); Kadoch Michel (Ecole de technologie superieure, Canada); Bo Rong (CRC, Canada)
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Ness B. Shroff (The Ohio State University, USA)

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Yiyang Shao (Tsinghua University, P.R. China); Baohua Yang (IBM Research, P.R. China); Jingjie Jiang (Hong Kong University of Science and Technology, Hong Kong); Yibo Xue (Tsinghua university, P.R. China); Jun Li (Tsinghua University, P.R. China)
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Deepjyoti Deka (University of Texas, USA); Ross Baldick (The University of Texas at Austin, USA); Sriram Vishwanath (University of Texas Austin, USA)
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P2DR: Privacy-Preserving Demand Response System in Smart Grids
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Techniques for Detecting Attacks on Critical Infrastructure
Udaya Tupakula (Macquarie University, Australia); Vijay Varadharajan (Macquarie university, Australia)
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Stack Protection in Packet Processing Systems
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Risk-Driven Aggregation and Transmission Prioritization of Cyber Alerts over Mobile Networks
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Performance of p-persistent Slotted Aloha for Underwater Sensor Networks
Yanping Zhang (Gonzaga University, USA)
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Channel Assignment in Cognitive Wireless Sensor Networks
Mihaela Cardei (Florida Atlantic University, USA); Amalya Mihnea (Florida Atlantic University, USA)
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Ensemble Empirical Mode Decomposition for Time Series Prediction in Wireless Sensor Networks
Gagan Goel (University of Toronto, Canada); Dimitrios Hatzinakos (University of Toronto, Canada)
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Online Data-Centric Anomaly Detection Framework For Sensor Network Deployments
Giovani Rimon Abuaitah (Wright State University, USA); Bin Wang (Wright State University, USA)
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Link Adaptation in Closed-Loop Coded MIMO Systems with LMMSE-IC based Turbo Receivers
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On the Marginal Area under the Receiver Operating Characteristics of Diversity Energy Detectors in Generalized Fading Channels
Eyidayo Adebola (Prairie View A & M University & CECSTR, USA); Abiodun Olaluwe (Prairie View A&M University, USA); Annamalai Annamalai (Prairie View A&M University, USA)
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Achievable Rate of a Two-Way Relay Channel with Structured Code under Rayleigh Fading
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Stochastic Geometry Analysis of the Average Error Probability of Downlink Cellular Networks
Peng Guan (CNRS, France); Marco Di Renzo (French National Center for Scientific Research (CNRS), France)
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Performance Analysis of Spatial Modulation MIMO in a Poisson Field of Interferers
Wei Lu (L2S, CNRS, Université Paris-Sud, France); Marco Di Renzo (French National Center for Scientific Research (CNRS), France)
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Plenary Talk: Micro Base Station Aided Vehicular Ad Hoc Networking

Speaker: Izhak Rubin. Distinguished Professor , UCLA, USA

Micro Base Station Aided Vehicular Ad Hoc Networking
Izhak Rubin (University of California at Los Angeles, USA); Yu-Yu Lin (University of California, Los Angeles, USA); Andrea Baiocchi (University of Roma Sapienza, Italy); Francesca Cuomo (University of Rome Sapienza, Italy); Pierpaolo Salvo (University of Rome Sapienza, Italy)
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Plenary Talk: Disaster Resilient Network Technologies: MDRU and Relay-by-Smartphone

Speaker: Nei Kato. Professor, Tohoku University, Japan

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Spectrum Sharing: Challenges, Directions, and Opportunities
Min Song (The University of Toledo, USA)

Algorithmic Challenges in Flexible Optical Networks
Emmanouel Varvarigos (University of Patras & Computer Technology Institute, Greece); Kostas Christodoulopoulos (University of Patras, Greece)
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Recent Advances and Challenges in Human-centric Multimedia Mobile Cloud Computing
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Ren-Hung Hwang (National Chung-Cheng University, Taiwan); Fu-Hui Huang (National Chung-Cheng University, Taiwan)
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Multi-Radio Heterogeneous Networks: Architectures and Performance
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Reduction of data prevention cost and improvement of reliability in MLC NAND flash storage system
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Connectivity As a Service: Towards Optical-based Network Virtualization
Yang Wang (La Salle University, USA); Qian Hu (Georgia State University, USA); Xiaojun Cao (Georgia State University, USA)
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WN II: Wireless Networks II

Full Duplex Device to Device Communication in Cellular Networks
Sanghoon Kim (University of Michigan, USA); Wayne Stark (University of Michigan, USA)
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Acceleration and Visualization of Dynamic Network Optimization
Yuanzhou Ye (University of Reading/ Symantec Corporation, United Kingdom); José O. Cadenas (University of Reading, United Kingdom); Graham Megson (University of Westminster, London, United Kingdom)
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Speaker: Guoliang Xue. Professor, Arizona State University, USA

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Zhi Liu (National Institute of Informatics, The Graduate University for Advanced Studies, Japan); Jingyun Feng (National Institute of Informatics, The Graduate University for Advanced Studies, Japan); Yusheng Ji (National Institute of Informatics, Japan); Yongbing Zhang (University of Tsukuba, Japan)
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CLD: Cloud Computing Big Data & Data Storage Technology and Applications

Distinguished Lectures VI: The Great Indoors: The Next Frontier in Mobile Positioning

Speaker: Ayman Naguib, Director, Qualcomm, USA

IP V: Invited Papers V

WN III: Wireless Networks III