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He Wang (Duke University, USA); Zhiyang Wang (University of California, Los Angeles, USA); Shen Guobin (Microsoft Research Asia, P.R. China); Fan Li (Microsoft Research Asia, P.R. China); Song Han (Tsinghua University, P.R. China); Feng Zhao (Microsoft Research, P.R. China)
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Lingkun Fu (Zhejiang University, P.R. China); Peng Cheng (Zhejiang University & Singapore University of Technology and Design, P.R. China); Yu Gu (Singapore University of Technology and Design & Advanced Digital Sciences Center, Singapore); Jiming Chen (Zhejiang University, P.R. China); Tian He (University of Minnesota, USA)
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ZiFind: Exploiting Cross-Technology Interference Signatures for Energy-Efficient Indoor Localization

Yuhang Gao (School of Computer Science and Engineering, Beihang University, P.R. China); Jianwei Niu (Beihang University, P.R. China); Ruogu Zhou (Michigan State University, USA); Guoliang Xing (Michigan State University, USA)
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Xiali Hei (Temple University & Guangdong University of Business Studies, USA); Xiaojiang Du (Temple University, USA); Shan Lin (Temple University, USA); Insup Lee (University of Pennsylvania, USA)
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Kai Xing (University of Science and Technology of China, P.R. China); Zhiguo Wan (Tsinghua University, P.R. China); Pengfei Hu (University of Science and Technology of China, P.R. China); Haojin Zhu (Shanghai Jiao Tong University, P.R. China); Yuepeng Wang (University of Science and Technology of China, P.R. China); Xi Chen (State Grid Corporation of China & Institute of Information Engineering, Chinese Academy of Sciences, P.R. China); Yang Wang (University of Science and Technology of China, P.R. China); Liusheng Huang (University of Science and Technology of China, P.R. China)
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OTrack: Order Tracking for Luggage in Mobile RFID Systems

Long-fei Shangguan (Hong Kong University of Science and Technology, Hong Kong); Zhenjiang Li (Nanyang Technological University, Singapore); Zheng Yang (Tsinghua University, P.R. China); Mo Li (Nanyang Technological University, Singapore); Yunhao Liu (Tsinghua University & The Hong Kong University of Science and Technology, P.R. China)
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Wei Cheng (University of Massachusetts Lowell, USA); Kefeng Tan (University of California, Davis, USA); Victor Omwando (UC-Davis, USA); Jindan Zhu (University of California, Davis, USA); Prasant Mohapatra (University of California, Davis, USA)
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O(ϵ)-Approximation to Physical World by Sensor Networks

Siyao Cheng (Harbin Institute of Technology, P.R. China); Jianzhong Li (Harbin Institute of Technology, P.R. China); Zhipeng Cai (Georgia State University, USA)
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Gap Sense: Lightweight Coordination of Heterogeneous Wireless Devices

Xinyu Zhang (University of Wisconsin-Madison, USA); Kang G. Shin (University of Michigan, USA)
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Predicting Length of Stay at WiFi Hotspots

Justin G Manweiler (IBM, USA); Naveen Kumar Santhapuri (Duke University, USA); Romit Roy Choudhury (Duke University, USA); Srihari Nelakuditi (University of South Carolina, USA)
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Rong Zheng (McMaster University, Canada); Thanh Le (University of Houston, USA); Zhu Han (University of Houston, USA)
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Wenchi Cheng (Xidian University, P.R. China); Xi Zhang (Texas A&M University, ECE Department, USA); Hailin Zhang (Xidian University, P.R. China)
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SDP-S0: Opening Remarks & Keynote

CCSES1: Plenary Talk

GI1: Global Datasets

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Gautam Thakur (Oak Ridge National Laboratory & Computational Data Analytics, USA); Pan Hui (Deutsche Telekom Laboratories & University of Cambridge, Germany); Ahmed Helmy (University of Florida, USA)
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On the Usage Patterns of Multimodal Communication: Countries and Evolution

Yi Wang (University of California, Riverside & Sprint Lab, USA); Michalis Faloutsos (University of California, Riverside, USA); Hui Zang (Sprint, USA)
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DHT-based Traffic Localization in the Wild

Matteo Varvello (Bell Labs, Alcatel-Lucent, USA); Moritz Steiner (Bell Labs / Alcatel-Lucent, USA)
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TMA-Open: Welcome and opening

NOMEN1: Name prefixes management

Efficiently Looking Up Non-Aggregatable Name Prefixes by Reducing Prefix Seeking

Masaki Fukushima (KDDI R&D Laboratories Inc., Japan); Atsushi Tagami (KDDI R&D Laboratories, Japan); Toru Hasegawa (Osaka University, Japan)

Globally Accessible Names in Named Data Networking

Niels L. M. van Adrichem (Delft University of Technology, The Netherlands); Fernando A. Kuipers (Delft University of Technology, The Netherlands)

Prefix Hopping: Efficient Many-To-Many Communication Support in Information Centric Networks

Fabio Angius (University of California, Los Angeles, USA); Cedric Westphal (Huawei Innovation Center, USA); Jun Wei (Huawei Technologies, USA); Mario Gerla (University of California at Los Angeles, USA); Giovanni Pau (UCLA, USA)

TMA-S1: DNS Analysis

Check-Repeat: A New Method of Measuring DNSSEC Validating Resolvers

Yingdi Yu (UCLA, USA); Duane Wessels (Verisign Labs, USA); Matt Larson (Verisign Labs, USA); Lixia Zhang (University of California at Los Angeles, USA)
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Modeling DNS Agility with DNSMap

Andreas Berger (FTW Telecommunications Research Center Vienna, Austria); Wilfried Gansterer (University of Vienna, Austria)
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Trapping Botnets by DNS failure graphs: Validation, Extension and Application to a 3G Network

Arian Bär (Telecommunications Research Center Vienna (FTW), Austria); Antonio Paciello (Telecommunications Research Center Vienna (FTW), Austria); Peter Romirer-Maierhofer (Telecommunications Research Center Vienna (ftw.), Austria)
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Robust QoS-Guaranteed Network Engineering in Interference-Aware Wireless Networks

Ali Tizghadam (University of Toronto, Canada); Ali Shariat (University of Toronto, Canada); Alberto Leon-Garcia (University of Toronto, Canada); Hassan Naser (Lakehead University, Canada)
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The Twofold Nature of Autonomous Systems: Evidence Combining Stock Market Data with Topological Properties

Simone Mainardi (University of Pisa & Italian National Research Council, Italy); Enrico Gregori (CNR-IIT, Italy); Luciano Lenzini (University of Pisa, Italy)
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CCSES2: Consumer Behavior

Sustainable Energy Consumption Monitoring in Residential Settings

Akshay Uttama Nambi (TU Delft, The Netherlands); Thanasis Papaioannou (EPFL, Switzerland); Dipanjan Chakraborty (IBM Research, India); Karl Aberer (EPFL, Switzerland)
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Real Time Market Models and Prosumer Profiling

Ugo Montanari (University of Pisa, Italy); Alain Tcheukam Siwe (IMT Institute for Advanced Studies Lucca, Italy)
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SDP-S1: Session I: SDP of Content Distribution & Access

Papers

Paper1: Pricing for Demand Shaping and Proactive Download in Smart Data Networks

Paper2: SpeedGate: A Smart Data Pricing Testbed Based on Speed Tiers

Paper3: On the Interaction between Content-oriented Traffic Scheduling and Revenue Sharing among Providers

Paper4: On the CDN Pricing Game

Paper5: Economic Models of Sponsored Content in Wireless Networks with Uncertain Demand

Pricing for Demand Shaping and Proactive Download in Smart Data Networks

John Tadrous (Ohio State University, USA); Atilla Eryilmaz (Ohio State University, USA); Hesham El Gamal (Ohio State University, USA)
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SpeedGate: A Smart Data Pricing Testbed Based on Speed Tiers

Yih-Farn Robin Chen (AT&T Labs - Research, USA); Rittwik Jana (AT&T Labs Research, USA)
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On the Interaction between Content-oriented Traffic Scheduling and Revenue Sharing among Providers

Hyojung Lee (KAIST, Korea); Hyeryung Jang (KAIST, Korea); Yung Yi (KAIST, Korea); Jeong-woo Cho (Royal Institute of Technology (KTH), Sweden)
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On the CDN Pricing Game

Yang Song (University of Massachusetts, Amherst, USA); Arun Venkataramani (UMass Amherst, USA); Lixin Gao (University of Massachusetts at Amherst, USA)
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Economic Models of Sponsored Content in Wireless Networks with Uncertain Demand

Matthew Andrews (Bell Labs, Alcatel-Lucent, USA); Marty Reiman (Bell Labs, Lucent Technologies, USA); Qiong Wang (University of Illinois, USA); Ulas Ozen (Ozyegin University, Turkey)
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CCSES3: Energy Efficiency in the Smart Grid

Real-Time Welfare-Maximizing Regulation Allocation in Aggregator-EVs Systems

Sun Sun (University of Toronto, Canada); Min Dong (University of Ontario Institute of Technology, Canada); Ben Liang (University of Toronto, Canada)
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A Cross-Layer Perspective on Energy Harvesting Aided Green Communications over Fading Channels

Tian Zhang (Tsinghua University & Shandong University, P.R. China); Wei Chen (Tsinghua University, P.R. China); Zhu Han (University of Houston, USA); Zhigang Cao (Tsinghua University, P.R. China)
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Cost-aware optimization models for communication networks with renewable energy sources

Giulio Betti (Politecnico di Milano, Italy); Edoardo Amaldi (Politecnico di Milano, Italy); Antonio Capone (Politecnico di Milano, Italy); Giulia Ercolani (Politecnico di Milano, Italy)
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DRAGO: Detecting, Quantifying and Locating Hidden Routers in Traceroute IP Paths

Pietro Marchetta (University of Napoli, Italy); Antonio Pescapé (University of Napoli Federico II, Italy)
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The BGP Visibility Scanner

Andra Lutu (Institute IMDEA Networks & University Carlos III of Madrid, Spain); Marcelo Bagnulo (University Carlos III of Madrid, Spain); Olaf M Maennel (Loughborough University, United Kingdom)
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Improving the Discovery of IXP Peering Links through Passive BGP Measurements

Vasileios Giotsas (University College London, United Kingdom); Shi Zhou (University College London, United Kingdom)
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NetSciCom-S2: Session 2

Emergence of Equilibria from Individual Strategies in Online Content Diffusion

Eitan Altman (INRIA, France); Francesco De Pellegrini (Create-Net, Italy); Rachid El-Azouzi (LIA/CERI University of Avignon, France); Daniele Miorandi (Create-Net, Italy); Tania Jimenez (University of Avignon, France)
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Information Diffusion in Heterogeneous Networks: The Configuration Model Approach

Pavlos Sermpezis (EURECOM, France); Thrasyvoulos Spyropoulos (EURECOM, France)
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On the Impact of Global Information on Diffusion of Innovations over Social Networks

Youngmi Jin (KAIST, Korea); Jinwoo Shin (IBM T. J. Watson Research, Korea); Jungseul Ok (Korea Advanced Institute of Science and Technology, Korea); Yung Yi (KAIST, Korea)
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Surviving in a Competitive Market of Information Providers

Konstantinos Poularakis (University of Thessaly, Greece); Leandros Tassioulas (University of Thessaly, Greece)
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NOMEN2: Network and Traffic Management

Content Based Traffic Engineering in Software Defined Information Centric Networks

Abhishek Chanda (WINLAB, Rutgers University, USA); Cedric Westphal (Huawei Innovation Center, USA); Dipankar Raychaudhuri (Rutgers University, USA)

Multipath Congestion Control in Content-Centric Networks

Giovanna Carofiglio (Bell Labs, Alcatel-Lucent, France); Massimo Gallo (Bell Labs, Alcatel-Lucent, France); Luca Muscariello (Orange Labs - France Telecom, France); Michele Papalini (University of Lugano, Switzerland)

On the Design and Implementation of a wire-speed Pending Interest Table

Matteo Varvello (Bell Labs, Alcatel-Lucent, USA); Diego Perino (Bell Labs, Alcatel-Lucent, France); Leonardo Linguaglossa (Alcatel Lucent Bell Labs France, Italy)

AMVS-NDN: Adaptive Mobile Video Streaming and Sharing in Wireless Named Data Networking

Bing Han (Seoul National University, Korea); Xiaofei Wang (Seoul National University, Korea); Nakjung Choi (Bell-Labs, Alcatel-Lucent, Korea); Taekyoung Kwon (Seoul National University, Korea); Yanghee Choi (Seoul National University, Korea)

TMA-S2: Network Performances

New generation satellite broadband Internet services: should ADSL and 3G worry?

Alessio Botta (University of Napoli Federico II, Italy); Antonio Pescapé (University of Napoli Federico II, Italy)
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Troubleshooting Slow Webpage Downloads

Heng Cui (EURECOM, France); Ernst W Biersack (EURECOM, France)
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Fighting the bufferbloat: on the coexistence of AQM and low priority congestion control

Yixi Gong (Telecom ParisTech, France); Dario Rossi (Telecom ParisTech, France); Claudio Testa (Telecom ParisTech, France); Silvio Valenti (TELECOM ParisTech, France); Dave Taht (Bufferbloat.net, France)
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To the Moon and back: are Internet bufferbloat delays really that large?

Chiara Chirichella (Telecom ParisTech, France); Dario Rossi (Telecom ParisTech, France)
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SDP-S2: Session II: SDP of Offloading & Scheduling

Paper 6: Economics of Mobile Data Offloading

Paper 7: Economics of WiFi Offloading: Trading Delay for Cellular Capacity

Paper 8: Tiered Billing Scheme for Residential Load Scheduling with Bidirectional Energy Trading

Paper 9: Pricing Algorithms for the Day-Ahead Electricity Market with Flexible Consumer Participation

Paper 10: Smart Data Pricing: Lessons from Trial Planning

Economics of Mobile Data Offloading

Lin Gao (The Chinese University of Hong Kong, Hong Kong); George Iosifidis (University of Thessaly, CERTH & CERTH, HELLAS, Greece); Jianwei Huang (The Chinese University of Hong Kong, Hong Kong); Leandros Tassioulas (University of Thessaly, Greece)
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Economics of WiFi Offloading: Trading Delay for Cellular Capacity

Joohyun Lee (Korea Advanced Institute of Science and Technology (KAIST), Korea); Yung Yi (KAIST, Korea); Song Chong (KAIST, Korea); Youngmi Jin (KAIST, Korea)
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Tiered Billing Scheme for Residential Load Scheduling with Bidirectional Energy Trading

Byung-Gook Kim (Yonsei University, Korea); Shaolei Ren (Florida International University, USA); Mihaela van der Schaar (University of California, Los Angeles (UCLA), USA); Jang-Won Lee (Yonsei University, Korea)
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Pricing Algorithms for the Day-Ahead Electricity Market with Flexible Consumer Participation

Ozgun Dalkilic (The Ohio State University, USA); Utku Ozan Candogan (Massachusetts Institute of Technology, USA); Atilla Eryilmaz (Ohio State University, USA)
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Smart Data Pricing: Lessons from Trial Planning

Ming-Jye Sheng (Princeton University, USA); Carlee Joe-Wong (Princeton University, USA); Sangtae Ha (Princeton University, USA); Felix Ming Fai Wong (Princeton University, USA); Soumya Sen (Princeton University, USA)
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GI3: New Mechanisms

AliasCluster: A Lightweight Approach to Interface Disambiguation

Larissa Spinelli (Boston University, USA); Mark Crovella (Boston University, USA); Brian Eriksson (Technicolor, USA)
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Applying Software-Defined Networking to the Telecom Domain

Georg Hampel (Qualcomm, USA); Tian Bu (Bell Labs, USA); Moritz Steiner (Bell Labs / Alcatel-Lucent, USA)
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Into the Moana – Hypergraph-based Network Layer Indirection

Yan Shvartzshnaider (The University of Sydney & NICTA, Australia); Max Ott (NICTA, Australia); Olivier Mehani (NICTA, Australia); Guillaume Jourjon (NICTA, Australia); Thierry Rakotoarivelo (NICTA-Sydney, Australia); David Levy (University of Sydney, Australia)
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COBRA: A Framework for the Analysis of Realistic Mobility Models

Gautam Thakur (Oak Ridge National Laboratory & Computational Data Analytics, USA); Ahmed Helmy (University of Florida, USA)
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NetSciCom-S3: Session 3

Exploring Venue Popularity in Foursquare

Yanhua Li (University of Minnesota, USA); Moritz Steiner (Bell Labs / Alcatel-Lucent, USA); Limin Wang (Bell Labs, USA); Zhi-Li Zhang (University of Minnesota, USA); Jie Bao (University of Minnesota, Twin Cities, USA)
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Inferring Cellular User Demographic Information Using Homophily on Call Graphs

Yi Wang (University of California, Riverside & Sprint Lab, USA); Hui Zang (Sprint, USA); Michalis Faloutsos (University of California, Riverside, USA)
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The Strength of Vicinity Annexation in Opportunistic Networking

Tiphaine Phe-Neau (UPMC Sorbonne Universités, France); Marcelo Dias de Amorim (UPMC Sorbonne Universités, France); Vania Conan (Thales Communications & Security, France)
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Finding critical regions in a network

Stojan Trajanovski (Delft University of Technology, The Netherlands); Fernando A. Kuipers (Delft University of Technology, The Netherlands); Piet Van Mieghem (Delft University of Technology, The Netherlands)
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NOMEN3: Network Security and Applications

Mitigate DDoS Attacks in NDN by Interest Traceback

Huichen Dai (Tsinghua University, P.R. China); Yi Wang (Tsinghua University, P.R. China); Jindou Fan (Tsinghua University, P.R. China); Bin Liu (Tsinghua University, P.R. China)

Towards an Information-Centric Delay-Tolerant Network

Gareth Tyson (Queen Mary, University of London, United Kingdom); John Bigham (Queen Mary University of London, United Kingdom); Eliane Bodanese (Queen Mary, University of London, United Kingdom)

Securing Instrumented Environments over Content-Centric Networking: the Case of Lighting Control and NDN

Jeff Burke (UCLA, USA); Paolo Gasti (New York Institute of Technology, USA); Naveen Nathan (University of California Irvine, USA); Gene Tsudik (University of CA, Irvine, USA)

NDN.JS: A JavaScript Client Library for Named Data Networking

Wentao Shang (University of California, Los Angeles, USA); Jeff Thompson (N. A., USA); Meki Cherkaoui (University of California, Los Angeles, USA); Jeff Burke (UCLA, USA); Lixia Zhang (University of California at Los Angeles, USA)

TMA-S3: Passive Monitoring and Classification

Self-Learning Classifier for Internet Traffic

Luigi Grimaudo (Politecnico di Torino, Italy); Marco Mellia (Politecnico di Torino, Italy); Elena Baralis (Politecnico di Torino, Italy); Ram Keralapura (Narus & A Fully-Owned Subsidiary of the Boeing Company, USA)
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Rogue Femtocell Owners: How Mallory Can Monitor My Devices

David Malone (NUI Maynooth, Ireland); Darren F Kavanagh (Trinity College Dublin, Ireland); Niall Murphy (Google, Ireland)
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Botnet detection revisited: theory and practice of finding malicious P2P networks via Internet connection graphs

Stefan Ruehrup (FTW, Austria); Pierfrancesco Urbano (FTW, Austria); Andreas Berger (FTW Telecommunications Research Center Vienna, Austria); Alessandro D'Alconzo (Telecommunications Research Center Vienna (ftw.), Austria)
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10 Gbit Line Rate Packet-to-Disk Using n2disk

Luca Deri (NTOP & IIT/CNR, Italy); Alfredo Cardigliano (NTOP, Italy); Francesco Fusco (ETH, Switzerland)
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CCSES5: Smart Grid Communications

Advanced Metering and Demand Response Communication Performance in Zigbee based HANs

Velin Kounev (University of Pittsburgh, USA); David Tipper (University of Pittsburgh, USA)
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Elderberry: A peer-to-peer, privacy-aware smart metering protocol

Sören Finster (Karlsruhe Institute of Technology (KIT), Germany); Ingmar Baumgart (Karlsruhe Institute of Technology (KIT), Germany)
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Performance Evaluation of Time-critical Communication Networks for Smart Grids based on IEC 61850

Hanno Georg (TU Dortmund University, Germany); Nils Dorsch (TU Dortmund University, Germany); Markus Putzke (TU Dortmund University, Germany); Christian Wietfeld (TU Dortmund University & Communication Networks Institute, Germany)
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SDP-S3: Industry Panel

Industry-Academia Discussion Panel

CCSES6: Smart Grid Security

A Novel Method to Detect Bad Data Injection Attack in Smart Grid

Ting Liu (Xi'an Jiaotong University, PRC, P.R. China); Yun Gu (Xi'an Jiaotong University, P.R. China); Dai Wang (Xi'an Jiaotong University, P.R. China); Yuhong Gui (Xi'an Jiaotong University, P.R. China)
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Robust Privacy-Preserving Authentication Scheme for Communication Between Electric Vehicle as Power Energy Storage and Power Stations

Hasen Nicanfar (The University of British Columbia, Canada); Seyedali Hosseini-zhad (University of British Columbia, Canada); Peyman TalebiFard (The University of British Columbia, Canada); Victor CM Leung (The University of British Columbia, Canada)
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A Reverse Transmission Mechanism for Surveillance Network in Smart Grid

Liang Tang (Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Science, P.R. China); Yun Rui (Shanghai Advanced Research Institute, Chinese Academy of Sciences, P.R. China); Qian Wang (Wuhan University, P.R. China); Husheng Li (University of Tennessee, USA); Zhiyong Bu (Shanghai Institute of Microsystem and Information Technology, CAS, P.R. China)
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GI4: New Tools

Network Emulation Testbed for DTN Applications and Protocols

Razvan Beuran (National Institute of Information and Communications Technology, Japan); Shinsuke Miwa (National Institute of Information and Communications Technology, Japan); Yoichi Shinoda (Japan Advanced Institute of Science and Technology, Japan)
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Trade-off Analysis of Multi Topology Routing Based IP Fast Reroute Mechanisms

Selcuk Cevher (Karadeniz Technical University, Turkey); Mustafa Ulutas (Karadeniz Technical University, Turkey); Ibrahim Hokelek (TUBITAK BILGEM, Turkey)
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Detecting Encrypted Botnet Traffic

Han Zhang (Colorado State University, USA); Christos Papadopoulos (Colorado State University, USA); Daniel Massey (Colorado State University, USA)
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NetSciCom-S4A: Session 4A

Ego Networks in Twitter: an Experimental Analysis

Valerio Arnaboldi (IIT-CNR, Italy); Marco Conti (IIT-CNR, Italy); Andrea Passarella (IIT-CNR, Italy); Fabio Pezzoni (IIT-CNR, Italy)
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Analysis and Applications of Smartphone User Mobility

Swati Rallapalli (University of Texas at Austin, USA); Wei Dong (University of Texas at Austin, USA); Gene Moo Lee (University of Texas at Austin, USA); Yi-Chao Chen (University of Texas at Austin, USA); Lili Qiu (The University of Texas at Austin, USA)
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NOMEN4: Poster session

NOMEN5: Poster session

NOMEN6: Poster session

TMA-S4: Global Internet

Gaining Insight into AS-level Outages through Analysis of Internet Background Radiation

Karyn Benson (CAIDA/UCSD, USA); Alberto Dainotti (CAIDA, UC San Diego, USA); Kimberly Claffy (CAIDA, USA); Emile Aben (RIPE NCC, The Netherlands)
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SpamTracer: How Stealthy Are Spammers?

Pierre-Antoine Vervier (Eurecom, France); Olivier Thonnard (Symantec & Symantec Research Labs, France)
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Improving AS Relationship Inference Using PoPs

Lior Neudorfer (Tel Aviv University, Israel); Yuval Shavitt (Tel-Aviv University, Israel); Noa Zilberman (Tel-Aviv University, Israel)
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NetSciCom-S4B: Session 4B: Open Forum & Discussion

CCSES7: Panel Discussion