

2010 Proceedings of 19th International Conference on Computer Communications and Networks

(ICCCN 2010)

**Zurich, Switzerland
2 – 5 August 2010**



IEEE Catalog Number: CFP10143-PRT
ISBN: 978-1-4244-7114-0

NAPET 1: Track on Network Algorithms, Performance Evaluation, and Theory

Room: HG E 1.2

Taking Too Many Destinations Can Be Bad for Traceroute Sampling
Zhongliang Qiao (Beihang University, P.R. China); Mingming Chen (Beihang University, P.R. China); Ke Xu (State Key Lab. of Software Develop Environment Beihang University, P.R. China)

Ns-2 based Emulator for Multicast Services: A Cross-layer Solution
Eugene Su (National Taiwan University of Science and Technology, Taiwan); Jim Hsieh (National Taiwan University of Science and Technology, Taiwan); Chang-Long Chu (National Taiwan University of Science and Technology, Taiwan); Ray-Guang Cheng (National Taiwan University of Science and Technology, Taiwan)

An Empirical Analysis of the Effect of RTT Delay on End User Quality of Experience
Imadud Din (National University of Sciences and Technology (NUST), Pakistan); Nazar Saqib (National University of Science and Technology Islamabad Pakistan, Pakistan)

Message-Passing for Wireless Scheduling: An Experimental Study (Invited Paper)
Paolo Giaccone (Politecnico di Torino, Italy); Devavrat Shah (Massachusetts Institute of Technology, USA)

WCSP 1: Track on Wireless Communication and Signal Processing

Room: HG D 1.1

Maximal Lifetime Scheduling for Cooperative Communications in Wireless Networks
Gang Liu (University of Science and Technology of China, P.R. China); Liusheng Huang (University of Science and Technology of China, P.R. China); Hongli Xu (University of Science and Technology of China, P.R. China); Wang Liu (University of science and technology of china, P.R. China); Yindong Zhang (University of Science and Technology of China, P.R. China)

Energy per useful packet optimization on a TDMA WSN channel
Francisco Ganhão (Universidade Nova de Lisboa, Portugal); Miguel Pereira (Universidade Nova de Lisboa, Portugal); Luis Bernardo (Universidade Nova de

Lisboa, Portugal); Rui Dinis (Instituto de Telecomunicações/UNINOVA/FCT-UNL, Portugal); Rodolfo Oliveira (Universidade Nova de Lisboa/Uninova, Portugal); Paulo F Pinto (Universidade Nova de Lisboa, Portugal)

Performance comparison of diversity combining ARQ error control schemes with multi-packet detection schemes

Miguel Pereira (Universidade Nova de Lisboa, Portugal); Luis Bernardo (Universidade Nova de Lisboa, Portugal); Rui Dinis (Instituto de Telecomunicações/UNINOVA/FCT-UNL, Portugal); Rodolfo Oliveira (Universidade Nova de Lisboa/Uninova, Portugal); Paulo F Pinto (Universidade Nova de Lisboa, Portugal)

Exploiting Gaps of Real-time Traffic to Improve Handover Performance in Wireless Networks

Jia Liu (Tsinghua University, P.R. China); Chuang Lin (Tsinghua University, P.R. China); Fengyuan Ren (Tsinghua University, P.R. China)

1:30PM -- 3:00 PM

Distinguished Invited Speaker 2:



Title: *Security and Privacy at Google Scale*

Speaker: Thomas Dübendorfer

Software Engineer Tech Lead

Google Switzerland GmbH

Room: HG E 1.1

NAPET 2: Track on Network Algorithms, Performance Evaluation, and Theory

Room: HG E 1.2

Smart Single Window Congestion Control for Concurrent Multipath Transport
Amine Bsila (Technicolor, France); Guillaume Bichot (Technicolor, France); Nicolas Montavont (Institut Telecom / Telecom Bretagne, France); Christopher Howson (Technicolor, France); Stephane Gouache (Technicolor, France)

Link State Protocol data mining for shared risk link group detection
Goutam Das (University of Ghent, Belgium); Dimitri Papadimitriou (Alcatel-Lucent Bell, Belgium); Wouter Tavernier (Ghent University - IBBT, Belgium); Didier Colle (IBBT - Ghent University, Belgium); Tom Dhaene (University of Antwerp, Belgium); Mario Pickavet (Ghent University, Belgium); Piet Demeester (Ghent University, Belgium)

Recovery from Shared Risk Link Group Failures using IP Fast Reroute
Kang Xi (Polytechnic Institute of New York University, USA); H. Jonathan Chao (Polytechnic Institute of New York University, USA); Chaoyi Guo (Polytechnic University, USA)

Modeling malware diffusion in wireless networks with nodes' heterogeneity and mobility
Nam Nguyen (Japan Advanced Institute of Science and Technology, Japan); Yoichi Shinoda (Japan Advanced Institute of Science and Technology, Japan)

WCSP 2: Track on Wireless Communication and Signal Processing

Room: HG D 1.1

Analysis of Energy Consumption on Data Sharing in Beamforming for Wireless Sensor Networks
Jing Feng (Purdue University, USA); Yung-Hsiang Lu (Purdue University, USA); Byunghoo Jung (Purdue University, USA); Dimitrios Peroulis (Purdue University, USA); Y. Charlie Hu (Purdue University, USA)

Exploiting Multichannel Diversity in Cognitive Radio Networks
Tuan Do (George Mason University, USA); Brian Mark (George Mason University, USA)

Making attractive TSVD based Channel Estimation for MIMO-OFDM systems thanks to large complexity reduction

Moussa Diallo (France Telecom, France); Laurent Cariou (france telecom R&D, France); Rodrigue Rabineau (France Telecom, France); Maryline H elard (INSA Rennes, France)

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Hannes Bartz (Technische Universitaet Muenchen, Germany); Tobias Lutz (Technische Universit at M unchen, Germany); Christoph Hausl (Technische Universit at M unchen, Germany); Joao Barros (University of Porto, Portugal)

3:30PM -- 5:00 PM

HDSG: Track on High-speed Distributed Systems and Grids

Room: HG E 1.1

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Franck Cappello (INRIA Futurs, France); Amina Guermouche (University of Paris South 11, France); Marc Snir (UI, USA)

Challenges for High-Performance Networking for Exascale Computing (Invited Paper) 37

Ron Brightwell (Sandia National Laboratories, USA); Karl Hemmert (Sandia National Labs, USA); Keith D. Underwood (Intel Corporation, USA)

Supply and Demand Coordination in Energy Adaptive Computing (Invited Paper) 43

Krishna Kant (National Science Foundation, USA)

NAPET 3 : Track on Network Algorithms, Performance Evaluation, and Theory

Room: HG E 1.2

Network Bandwidth Optimization of Ethernet-based Streaming Applications in Automotive Embedded Systems 49

Andreas Kern (University of Erlangen-Nuremberg, Germany); Christoph Schmutzler (Daimler AG, Germany); Thilo Streichert (Daimler, Germany); Michael H ubner

(Karlsruhe Institute of Technology (KIT), Germany); Juergen Teich (University of Erlangen-Nuremberg, Head of Department, Germany)

Enhancements to Statistical Protocol Identification (SPID) for Self-Organised QoS in LANS

Christopher Köhnen (City University London, United Kingdom); Christian Überall (City University London, United Kingdom); Florian Adamsky (University of Applied Sciences Giessen-Friedberg, Germany); Veselin Rakocevic (City University London, United Kingdom); Muttukrishnan Rajarajan (City University, United Kingdom); Rudolf Jaeger (University of applied science Giessen-Friedberg, Germany)

Designing Data Center Networks using Analytic Hierarchy Process

Noriaki Kamiyama (NTT Service Integration Laboratories, Japan)

A Packet-classification Algorithm for Arbitrary Bitmask Rules, with Automatic Time-space Tradeoffs

Jay Ligatti (University of South Florida, USA); Josh Kuhn (University of South Florida, USA); Chris Gage (University of South Florida, USA)

WNET 1 : Track on Wireless Networks and Emerging Technologies

Room: HG D 1.1

On the Goodput of TCP NewReno in Mobile Networks (Invited Paper)

Sushant Sharma (Virginia Tech, USA); Donald W Gillies (Qualcomm Incorporated, USA); Wu-chun Feng (Virginia Tech, USA)

When Do Cooperative Networks Profit From CSI Feedback? - An Outage Capacity Perspective (Invited Paper)

Stefan Valentin (Bell Laboratories, Germany)

The TASEP: A Statistical Mechanics Tool to Study the Performance of Wireless Line Networks

Sunil Srinivasa (University of Notre Dame, USA); Martin Haenggi (University of Notre Dame, USA)

AEROMAN: A Novel Architecture to Evaluate Routing Protocols for Multi-hop Ad-hoc Networks

Lan Tien Nguyen (Japan Advanced Institute of Science and Technology, Japan)

Tuesday, Aug 3

9:00 AM -- 10:15 AM

Keynote 2:

Speaker: TBA
Room: HG F 30

10:45 AM -- 12:15 PM

Distinguished Invited Speaker 3:

	<p>Speaker: Patrick Thiran</p> <p>Associate Professor</p> <p>School of Computer and Communication Sciences, EPFL, Switzerland</p> <p>Room: HG E 1.1</p>
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ISAP 1: Track on Internet Services, Applications and Protocols

Room: HG E 1.2

Quantifying Overprovisioning vs. Class-of-Service: Informing the Net Neutrality Debate

Murat Yuksel (University of Nevada - Reno, USA); K. K. Ramakrishnan (AT&T Labs. Research, USA); Shivkumar Kalyanaraman (IBM India Research Laboratory, Bangalore (on leave from RPI, USA), India); Joseph D. Houle (AT&T, USA); Rita Sadhvani (Verizon Wireless, USA)

DPillar: Scalable Dual-Port Server Interconnection for Data Center Networks

Yong Liao (University of Massachusetts at Amherst, USA); Dong Yin (University of Massachusetts at Amherst, USA); Lixin Gao (University of Massachusetts at Amherst, USA)

Security and Privacy Objectives for Sensing Applications in Wireless Community Networks (Invited Paper)

Delphine Christin (Technische Universität Darmstadt, Germany); Matthias Hollick (Technische Universität Darmstadt, Germany); Mark Manulis (TU Darmstadt & CASED, Germany)

On the Survivable Virtual Infrastructure Mapping Problem (Invited Paper)

Hongfang Yu (University of Electronic Science and Technology of China, P.R. China); Vishal Anand (State University of New York at Brockport, USA); Chunming Qiao (State University of New York at Buffalo, USA); Hao Di (University of Electronic Science and Technology of China, P.R. China); Jianping Wang (City University of Hong Kong, Hong Kong)

WNET 2: Track on Wireless Networks and Emerging Technologies

Room: HG D 1.1

On Enhancing Network-Lifetime Using Opportunistic Routing in Wireless Sensor Networks

Michael Chien-Chun Hung (Academia Sinica, Taiwan); Kate Ching-Ju Lin (Academia Sinica, Taiwan); Chih-Cheng Hsu (National Taiwan University, Taiwan); Cheng-Fu Chou (NTU, Taiwan)

Beyond Multi-hop: Optimal Cooperation in Large Wireless Networks (Invited Paper)

Ayfer Ozgur (EPFL, Switzerland); Olivier Leveque (EPFL, Switzerland); David Tse (University of California at Berkeley, USA)

Adaptive Network Coding for Wireless Access Networks

Tuan Tran (Oregon State University, USA); Thinh Nguyen (Oregon State, USA)

Interference and Outage in Doubly Poisson Cognitive Networks

Chia-han Lee (University of Notre Dame, USA); Martin Haenggi (University of Notre Dame, USA)

Technological Innovation Center, Brazil); Antonio A.F. Loureiro (Federal University of Minas Gerais, Brazil)

MR. BIN: Multicast Routing with Branch Information Nodes for Wireless Sensor Networks

Sejun Song (Texas A&M University, college station, USA); Baek-Young Choi (University of Missouri, Kansas City, USA)

The Triangle Metric: Fast Link Quality Estimation for Mobile Wireless Sensor Networks (Invited Paper)

Carlo Alberto Boano (University of Luebeck, Germany); Marco Antonio Zuniga (National University of Ireland, Galway, Ireland); Thiemo Voigt (Swedish Institute of Computer Science, Sweden); Andreas Willig (University of Canterbury, New Zealand); Kay Roemer (ETH Zurich, Switzerland)

Resource Allocation in Sensor Networks with Renewable Energy (Invited Paper)

Zhoujia Mao (The Ohio State University, USA); Can Emre Koksall (The Ohio State University, USA); Ness B. Shroff (The Ohio State University, USA)

3:30PM -- 5:00 PM

ISAP 3: Track on Internet Services, Applications and Protocols

Room: HG E 1.2

Automated Service Composition and Routing in Networks with Data-path Services

Xin Huang (University of Massachusetts Amherst, USA); Shashank Shanbhag (University of Massachusetts, USA); Tilman Wolf (University of Massachusetts, USA)

Redundancy-Aware Routing with Limited Resources

Yang Song (University of Massachusetts, Amherst, USA); Katherine Guo (Bell Labs, Lucent Technologies, USA); Lixin Gao (University of Massachusetts at Amherst, USA)

Enhanced Efficiency of Mapping Distribution Protocols in Scalable Routing and Addressing Architectures

Kotikalapudi Sriram (NIST, USA); Young-Tak Kim (Yeungnam University, Korea); Doug Montgomery (NIST, USA)

On Overlay-based Addressing and Routing in Heterogeneous Future Networks (Invited Paper)

Oliver P. Waldhorst (Karlsruhe Institute of Technology (KIT), Germany)

MP2P 1: Track on Multimedia and Peer-to-Peer Networking

Room: HG E 1.1

Cooperative P2P Video Streaming for Mobile Peers (Invited Paper) 532

Martin Stiemerling (NEC Europe Ltd., Germany); Sebastian Kiesel (NEC Europe Ltd., Germany)

Towards User-oriented Live Video Streaming (Invited Paper) 539

Kai Song (University of Southern California, USA); Leana Golubchik (USC, USA)

DynaStream: Adaptive Overlay Management for Peer-to-Peer Video Streaming 545

Moonkyung Ryu (Georgia Institute of Technology, USA); Umakishore Ramachandran (Georgia Institute of Technology, USA)

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Gaspard Bruno (Federal University of Rio de Janeiro, Brazil); Daniel R Figueiredo (UFRJ, Brazil)

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Room: HG D 1.1

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Shiao-Li Tsao (National Chiao Tung University, Taiwan)

Implementation and Evaluation of Handoff Method between Access Nodes for P2PSIP and IMS Cooperating Networks 563

Tsunehiko Chiba (KDDI R&D Laboratories, Inc., Japan)

A Diagnosis-Based Soft Vertical Handoff Mechanism for TCP Performance Improvement 569

Tong Shu; Min Liu; Zhongcheng Li; Anfu Zhou (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)

PiSA-SA: Municipal Wi-Fi Based on Wi-Fi Sharing 575

Tobias Heer; Thomas Jansen; René Hummen; Hanno Wirtz; Stefan Götz; Elias Weingärtner; Klaus Wehrle (RWTH Aachen University, Germany)

Wednesday, Aug 4

9:00 AM -- 10:15 AM

Keynote 3



Title: On Cooperative Anomaly Detection in Large-Scale Networks

Speaker: Kave Salamatian

**Professor
Université de Savoie, Polytech-Savoie**

Room: HG F 30

10:45 AM -- 12:15 PM

Distinguished Invited Speaker 5



Speaker: Rolf Stadler

Professor

**School of Electrical Engineering, KTH
Royal Institute of Technology**

Room: HG E 1.1

NSP 1: Track on Network Security and Privacy

Room: HG E 1.2

Mantlet Trilogy: DDoS Defense Deployable with Innovative Anti-Spoofing, Attack Detection and Mitigation

Ping Du (National Institute of Information and Communications Technology, Japan)

A Taxonomy and Comparative Evaluation of Algorithms for Parallel Anomaly Detection

Shashank Shanbhag (University of Massachusetts, USA); Yu Gu (NEC Labs America, USA); Tilman Wolf (University of Massachusetts, USA)

You're not who you claim to be: website identity check for phishing detection

Insoon Jo (Seoul National University, Korea); Eunjin Jung (The University of Iowa, USA); Heon Y. Yeom (Seoul National University, Korea)

An Adaptive Growing Hierarchical Self Organizing Map for Network Intrusion Detection

Dennis Ippoliti (University of Colorado at Colorado Springs, USA); Xiaobo Zhou (University of Colorado at Colorado Springs, USA)

WNET 5: Track on Wireless Networks and Emerging Technologies

Room: HG D 1.1

ITGR: Intermediate Target Based Geographic Routing

Jianjun Yang (University of Kentucky, USA); Zongming Fei (University of Kentucky, USA)

A Low Delay Multiple Reader Passive RFID System using Orthogonal TH-PPM IR-UWB

Zhi Zhang (Royal Institute of Technology, Sweden)

Vehicular Networks Emulation

Anthony Buisset (Lab. Heudiasyc UMR CNRS 6599, France); Bertrand Ducourthial (Université de Technologie de Compiègne, France); Farah El Ali (Université de Technologie de Compiègne, France); Sofiane Khalfallah (Université de Technologie de Compiègne, France)

CARNIVORE: A Disruption-Tolerant System for Studying Wildlife

Matthew Rutishauser; Vladislav Petkov; Jay Boice; Katia Obraczka; Patrick Mantey; Terrie Williams; Chris Wilmers (University of California Santa Cruz, USA)

OBN 2: Track on Optical and Backbone Networks

Room: HG D 1.1

An in-depth cross-layer experimental study of transport protocols over circuits 000000000000774

Mark Eric McGinley (University of Virginia, USA); Helali Bhuiyan (Microsoft, USA);
Tao Li (Broadcom Corp., USA); Malathi Veeraraghavan (University of Virginia, USA)

Evaluation of Labeled OBS with Home Circuits (Invited Paper) 00000000000000000000000077:

Miguel A. González-Ortega (University of Vigo, Spain); Andrés Suárez-González
(Universidade de Vigo, Spain); José-Carlos Lopez-Ardao (University of Vigo, Spain);
Candido Lopez-Garcia (University of Vigo, Spain); Guiling Wu (Shanghai Jiaotong
University, P.R. China); Chunming Qiao (State University of New York at Buffalo,
USA)

*Heuristic Resource Optimization for Dynamic Wavelength Services on Optically
Reconfigurable Networks (Invited Paper)* 0000000000786

Xiaolan Joy Zhang (University of Illinois at Urbana-Champaign, USA); Steven
Lumetta (University of Illinois at Urbana-Champaign, USA); Angela Chiu (AT&T
Laboratories, USA); Robert Doverspike (AT&T Labs - Research, USA)

Solving the Multi-operator Placement Problem in Large-Scale Operator Networks 00000000794

Stamatia Rizou; Frank Duerr; Kurt Rothermel (University of Stuttgart, Germany,
Germany)

Workshops Program

Thursday, Aug 5

9:00 AM -- 10:30 AM

CONWIRE 1: Workshop on Convergence of Heterogeneous Wireless Systems

Room: HG F 33.1

	<p><i>Keynote Talk: A New Regulatory Regime to Support New Wireless Technologies</i></p> <p>Speaker: Christos Politis</p> <p>Senior Lecturer Kingston University, UK)</p> <p>Room: HG F 33.1</p>
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On the Integration of LTE and Mobile WiMAX Networks9:
Tara Yahiya; Hakima Chaouchi (Telecom Sud Paris, France)

A Dynamic Spectrum Assignment Method based on Call Blocking Probability Prediction in WiFi/WiMAX Integrated Networks5
Kazuhiko Kinoshita; Keita Kawano; Koso Murakami (Osaka University, Japan)

GridPeer 1: Workshop on Grid and P2P Systems and Applications

Keynote: TBA

Room: HG D 1.2

MCC 1: Workshop on Multimedia Computing and Communications

Room: HG D 1.1

Recommending and finding multimedia resources in knowledge acquisition based on Web resources

Christoph Rensing; Philipp Scholl; Doreen Böhnstedt; Ralf Steinmetz (Technische Universität Darmstadt, Germany)

Extended features for the Ginga-NCL environment

Rafael de Mello Brandão (UFPB - Federal University of Paraíba, Brazil); Carlos Batista (PUC-Rio, Brazil); Guido Lemos (UFPB - Federal University of Paraíba, Brazil); Luiz Fernando Gomes Soares (PUC-Rio, Brazil)

Mash up of Breaking News and Contextual Web Information: A Novel Service for Connected Televisi

Tanushyam Chattopadhyay (Tata Consultancy Services, Kolkata, India); Arpan Pal (TCS, India); Utpal Garain (Indian Statistical Institute, India)

Adaptive Directional Window Selection For Edge-Directed Interpolation

Wan-Chi Siu; Chi-Shing Wong (Hong Kong Polytechnic University, Hong Kong)

PMECT 1: Workshop on Performance Modeling and Evaluation in Computer and Telecommunication Networks

Room: HG E 1.1

Performance Trade-offs in a Network Coding Router

Omer H. Abdelrahman; Erol Gelenbe (Imperial College London, United Kingdom)

Cross-Layer Concerns in Wireless Sensor Networks

Waltenegus Dargie (Technische Universität Dresden, Germany)

On the Balance between Accuracy and Robustness for Online Estimation of Delay Tail Probability

Guoqiang Hu; Yuming Jiang (Norwegian University of Science and Technology (NTNU), Norway)

Autonomic provisioning in non-linear network

Andrzej Tucholski (Telekomunikacja Polska S.A., Poland)

WIMAN 1: Workshop on Wireless Mesh and Ad Hoc Networks

	<p>Keynote: <i>Privacy and Data Sharing Challenges in Social Sensing</i></p> <p>Speaker: Tarek Abdelzaher</p> <p>Willett Faculty Scholar & Associate Professor</p> <p>Department of Computer Science University of Illinois at Urbana-Champaign</p> <p>Room: HG E 1.2</p>
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11:00 AM -- 12:30 PM

CONWIRE 2: Workshop on Convergence of Heterogeneous Wireless Systems

Room: HG F 33.1

A Hybrid Adaptive Routing protocol for Extreme Emergency Ad Hoc Communication 856

Tipu Ramrekha; Christos Politis (Kingston University, United Kingdom)

An Energy Efficient Flat Routing Protocol for Wireless Ad hoc Networks 862

Hugo Marques (Instituto de Telecomunicações - Aveiro, Portugal); Vahid Talooki (IT, Aveiro, Portugal)

MOJO: A Middleware that Converts Sensor Nodes into Java Objects 868

Kumar Padmanabh; Lakshya Malhotra; Adi Mallikarjuna Reddy Vanteddu; Amrit Kumar ; Sunil Vuppala; Sanjoy Paul (Infosys Technologies Ltd, USA)

Modeling the Extinction in the Information Diffusion Process in Wireless Sensor Networks

Kenji Leibnitz (Osaka University, Japan); Marie-Ange Remiche (FUNDP - The University of Namur, Belgium)

WIMAN 2: Workshop on Wireless Mesh and Ad Hoc Networks

Room: HG E 1.2

Network Integration in 3G and 4G Wireless Networks

Michael Lin (Pennsylvania State University, USA); Heesook Choi (Sprint, USA); Travis Dawson (Sprint, USA); Tom La Porta (Pennsylvania State University, USA)

Emerging Platform for Healthcare IT Services

Wei Liu (Georgia Gwinnett College, USA); E. K. Park (UMKC, USA)

A Cross-layer Routing Scheme for Scalable Triple Play Service in Wireless Mesh Networks

Vinicius Borges (University of Coimbra, Portugal); Marilia Curado (University of Coimbra, Portugal); Edmundo Monteiro (University of Coimbra, Portugal)

1:30PM -- 3:00 PM

CONWIRE 3: Workshop on Convergence of Heterogeneous Wireless Systems

Room: HG F 33.1

Panel on Wireless Convergence:

Moderator: Stefan Mangold (Disney Research, Zurich, CH)

Panelists: Martin Haenggi (University of Notre Dame, FR); Tobias Heer (RWTH Aachen University, DE); Christos Politis (Kingston University, UK); Tasos Dagiuklas (TEI of Mesolonghi, GR)

GridPeer 3: Workshop on Grid and P2P Systems and Applications

Room: HG D 1.2

Modeling Faulty, Unstructured P2P Overlays

Stefano Ferretti (University of Bologna, Italy)

A Feasibility Study of an Arbitrary Search in Structured Peer-to-Peer Networks

Jani Hautakorpi (Ericsson, Finland); Göran Schultz (LM Ericsson Finland, Finland)

An Analytical Approach for Performance Analysis of Handoffs in the Next Generation Integrated Cellular Networks and WLANs

Yonal Kirsal; Eser Gemikonakli; Enver Ever; Glenford E Mapp; Orhan Gemikonakli
(Middlesex University, United Kingdom)

Route Positional Method for IPv6 Alias Resolution

Qian Shiyao; Xu Meng ; Ke Xu (State Key Lab. of Software Develop Environment
Beihang University, P.R. China)

WIMAN 3: Workshop on Wireless Mesh and Ad Hoc Networks

Room: HG E 1.2

A Communication Framework for Improving End-to-End Seamless Connections and TCP Performance in Wireless Home Networks

Sungwoo Tak (Pusan, Korea); E. k. Park (UMKC, USA)

Using Directional Antennas on Stub Wireless Mesh Networks: Impact on Throughput, Delay, and Fairness

Saravanan Kandasamy (Universidade do Porto, Portugal); Rui Lopes Campos (INESC Porto, Portugal); Ricardo Morla (University of Porto and INESC Porto, Portugal);
Manuel Ricardo (INESC Porto, Portugal)

Impact of Operating Systems on Wireless Sensor Networks (Security) Applications and Testbeds

Cintia B Margi (University of São Paulo, Brazil); Bruno Oliveira (USP, Brazil);
Gustavo de Sousa (USP, Brazil); Marcos Simplicio (USP, Brazil); Paulo Barreto (Sao Paulo State University, Brazil); Tereza Cristina Carvalho (University of São Paulo, Brazil); Mats Naslund (Ericsson Research, Sweden); Richard Gold (Ericsson Research, Sweden)

3:30PM -- 5:00 PM

GridPeer 4: Workshop on Grid and P2P Systems and Applications

Room: HG D 1.2

A Retrospective Approach for Accurate Network Latency Prediction

Fan Ping (State University of New York at Albany, USA)

Secure Data Aggregation Through Proactive Defense

Shuo Chen (Vrije University, The Netherlands); Guillaume Pierre (Vrije Universiteit, The Netherlands); Chi-Hung Chi (Tsinghua University, P.R.China)

Hybrid Redundancy Schemes With Random Linear Code for Peer-to-Peer Storage Systems 37

Yaser Hourii; Thomas Fuhrmann (Technische Universität München, Germany)

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Benedikt Elser; Georg Groh (technical ; Thomas Fuhrmann (Technische Universität München, Germany)

MCC 4: Workshop on Multimedia Computing and Communications

Room: HG D 1.1

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PMECT 4: Workshop on Performance Modeling and Evaluation in Computer and Telecommunication Networks

Room: HG E 1.1

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WIMAN 4: Workshop on Wireless Mesh and Ad Hoc Networks

Room: HG E 1.2

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Alexander Born (University of Rostock, Germany); Frank Reichenbach (ABB Norway, Norway)

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Xiaobing Wu; Guihai Chen; Jinming Chen (Nanjing University, P.R. China)

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Jianjun Yang; Zongming Fei (University of Kentucky, USA)

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Khaled Daabaj (Murdoch University, Australia)