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## DEMO SESSION 1

Tuesday, April 16 (10:30 - 16:00)

Room: Corridoio Nizza

***Move-with-the-Sun or Move-with-the-Moon? Wide-area CloudNet Migrations Under Latency and Resource Constraints***

Johannes Grassler (TU Berlin & T-Labs, Germany); Stefan Schmid (T-Labs & TU Berlin, Germany); Anja Feldmann (TU-Berlin & Deutsche Telekom Laboratories, Germany)

***OPRSFEC: A Middleware of Packet Loss Recovery in Live Multicast Smart TV System***

Xiuyan Jiang (Fudan University, P.R. China); De jian Ye (Fudan University, P.R. China); Yiming Chen (Fudan University, P.R. China)

***Lossless Virtual Networks***

Daniel Crisan (ETHZ & IBM Research, Switzerland); Robert Birke (IBM Zurich Research Laboratory, Switzerland); Cyriel Minkenberg (IBM Research - Zurich, Switzerland); Mitchell Gusat (IBM Zurich research laboratory, Switzerland)

***Live Evaluation of Quality of Experience for Video Streaming and Web Browsing***

Louis Plissonneau (Orange Labs, France); Heng Cui (EURECOM, France); Ernst W Biersack (EURECOM, France)

***A User-centric Approach to Trust Management in Wi-Fi Networks***

Carlos Ballester (University of Geneva, Switzerland); Jean-Marc Seigneur (University of Geneva, Switzerland); Paolo Di Francesco (Level7, Italy); Valentin Moreno (FON, Spain); Rute C. Sofia (SITI, Universidade Lusófona, Portugal); Waldir Moreira (SITILabs, University Lusofona, Portugal); Alessandro Bogliolo (University of Urbino, Italy); Nuno Martins (Caixa Mágica Software, Portugal)

***User-centric Mobile Multimedia Service Delivery: From Theory to Experimentation to***

## ***Prototyping***

Georgios Aristomenopoulos (National Technical University of Athens / Institute of Com. and Computer Syst., Greece); Symeon Papavassiliou (National Technical University of Athens, Greece); Giannis Katsaros (VELTI S.A., Greece); Panagiotis Vlahopoulos (VELTI S.A., Greece)

## ***Multi-functional Traffic Generation Framework Based on Accurate User Behavior Emulation***

Sándor Molnár (Budapest University of Technology and Economics, Hungary); Péter Megyesi (Budapest University of Technology and Economics, Hungary); Géza Szabó (Ericsson Research, Hungary)

## ***Synchronization using Inhibitory and Excitatory Coupling: From Theory to Practice***

Wasif Masood (Alpen Adria University Klagenfurt & Lakeside Labs, Austria); Johannes Klinglmayr (University of Klagenfurt, Austria); István Fehérvári (University of Klagenfurt & Lakeside Labs, Austria); Thomas Watzl (University of Klagenfurt, Austria); Christian Bettstetter (University of Klagenfurt, Austria)

## ***Deploying Virtual MAC Protocols Over a Shared Access Infrastructure Using Maclets***

Domenico Garlisi (Universita' di Palermo, Italy); Fabrizio Giuliano (Universita' di Palermo, Italy); Ilenia Tinnirello (University of Palermo, Italy); Pierluigi Gallo (University of Palermo, Italy); Francesco Gringoli (University of Brescia, Italy); Giuseppe Bianchi (University of Rome "Tor Vergata", Italy)

## ***CloneDoc: Exploiting the Cloud to Leverage Secure Group Collaboration Mechanisms for Smartphones***

Sokol Kosta (Sapienza University of Rome, Italy); Vasile Claudiu Perta (Sapienza University of Rome, Italy); Julinda Stefa (Sapienza University of Rome, Italy); Pan Hui (Deutsche Telekom Laboratories & University of Cambridge, Germany); Alessandro Mei (Sapienza University of Rome, Italy)

***Thor: Energy Programmable WiFi Networks***

Roberto Riggio (Create-Net, Italy); Cigdem Sengul (Oxford Brookes University & Queen Mary University of London, United Kingdom); Lalith Suresh (Telekom Innovation Labs / TU - Berlin, Germany); Julius Schultz-Zander (Telekom Innovation Laboratories / TU-Berlin, Germany); Anja Feldmann (TU-Berlin & Deutsche Telekom Laboratories, Germany)

***Demonstrating the Benefit of Joint Application and Network Control Within a Wireless Access Network***

Florian Wamser (University of Wuerzburg, Germany); David Hock (University of Wuerzburg, Germany); Michael Seufert (University of Wuerzburg, Germany); Thomas Zinner (University of Wuerzburg, Germany); Phuoc Tran-Gia (University of Wuerzburg, Germany)

**DEMO SESSION 2**

Wednesday, April 17 (10:30 - 16:00)

Room: Corridoio Nizza

***LAYSEE: Learn-As-You-SEE Traffic Classifier***

Alok Tongaonkar (Narus Inc, USA); Marios Iliofotou (Narus, Inc, USA); Ram Keralapura (Narus & A Fully-Owned Subsidiary of the Boeing Company, USA)

***Demonstrating Usage Diversity Over an Information-centric Network***

George Parisis (University of Cambridge, United Kingdom); Ben Tagger (Cambridge University, United Kingdom); Dirk Trossen (University of Cambridge, United Kingdom); Christos Tsilopoulos (Athens University of Economics and Business, Greece); Yannis Thomas (Athens University of Economics and Business (AUEB), Greece); Charilaos Stais (Athens University of Economics and Business, Greece); George Xylomenos (Athens University of Economics and Business, Greece)

***SCALE: a Content-Centric MANET***

Matteo Varvello (Bell Labs, Alcatel-Lucent, USA); Mary R Schurgot (LGS Bell Labs Innovations, USA); Lloyd Greenwald (LGS Innovations / Bell Labs, USA); Jairo O Esteban (Bell Labs, Lucent Technologies, USA); Yang Guo (Bell Labs, Alcatel-Lucent, USA); Mark Smith (Alcatel-Lucent, USA); David Stott (LGS, Bell Labs Innovations, USA); Limin Wang (Alcatel Lucent, France)

***An Adaptive Testbed of Energy Harvesting Active Networked Tags (EnHANTs) Prototypes***

Robert Margolies (Columbia University, USA); Luis Pena (Columbia University, USA); Kanghwan Kim (Columbia University, USA); Youngwan Kim (Columbia University, USA); Meng Wang (Columbia University, USA); Maria Gorlatova (Columbia University, USA); John Sarik (Columbia University, USA); Jianxun Zhu (Columbia University, USA); Peter Kinget (Columbia University, USA); Ioannis Kymissis (Columbia University, USA); Gil Zussman (Columbia University, USA)

***A Cyber-Physical Monitoring System for Attack Detection in Smart Grid***

Yanan Sun (Xi'an Jiaotong University, P.R. China); Xiaohong Guan (Xi'an Jiaotong University & Tsinghua University, P.R. China); Ting Liu (Xi'an Jiaotong University, PRC, P.R. China); Yang Liu (Xi'an Jiaotong University, P.R. China)

***Can Wireless Support Wired Broadband? A Practical Showcase for Residential Networks***

Claudio Rossi (Politecnico di Torino, Italy); Yan Grunenberger (Telefonica I+D, Spain); Eduard Goma Llauro (Telefonica Research, Spain); Konstantina Papagiannaki (Telefonica Research, Spain)

***ItsPhone: An Integrated Platform for Participatory ITS Data Collection and Opportunistic Transfer***

Orazio Briante (University Mediterranea of Reggio Calabria, Italy); Claudia Campolo (University "Mediterranea" of Reggio Calabria, Italy); Antonio Iera (University Mediterranea of Reggio Calabria, Italy); Antonella Molinaro (University "Mediterranea" of Reggio Calabria, Italy); Stefano Yuri Paratore (University Mediterranea of Reggio Calabria, Italy); Giuseppe Ruggeri (University of Reggio Calabria, Italy); Marthinus J Booyesen (Stellenbosch University & MIH Media Lab,

South Africa)

***Demonstrating Inter-Testbed Network Virtualization in OFELIA SDN Experimental Facility***

Matteo Gerola (CREATE-NET, Italy); Roberto Doriguzzi Corin (CREATE-NET Research Center, Italy); Roberto Riggio (Create-Net, Italy); Francesco De Pellegrini (Create-Net, Italy); Elio Salvadori (Create-Net, Italy); Hagen Woesner (EICT, Germany); Tom Rothe (EICT, Germany); Marc Suñé (i2CAT, Spain); Leonardo Bergesio (i2CAT, Spain)

***HOPE: HOme Power Efficiency System for a Green Network***

Han Yan (FranceTelecom & University Rennes 1, France); Fabrice Fontaine (Orange Labs, France); Olivier Bouchet (France Télécom, Orange Labs, France); Jean-Paul Vuichard (France Telecom, France); Jean-Philippe Javaudin (France Telecom, France); Maryline Lebouc (France Telecom, France); Marie-Helene Hamon (France Telecom, France); Bernard Cousin (University of Rennes 1 & IRISA Research Laboratory, France); Cedric Gueguen (University of Rennes 1, France)

***Using Fluorescent Lighting for Synchronization and Mobile Sensing with Duty-Cycled Control***

Zhenjiang Li (Nanyang Technological University, Singapore); Yuanqing Zheng (Nanyang Technological University, Singapore); Mo Li (Nanyang Technological University, Singapore)

***A Distributed Architecture for Discovery and Access in the Internet of Things***

Giacomo Tanganelli (University of Pisa, Italy); Enzo Mingozzi (University of Pisa, Italy); Carlo Vallati (University of Pisa, Italy); Claudio Cicconetti (Intecs S.p.A., Italy)

***CDroid: Towards a Cloud-Integrated Mobile Operating System***

Marco Valerio Barbera (Sapienza University of Rome, Italy); Sokol Kosta (Sapienza University of Rome, Italy); Alessandro Mei (Sapienza University of Rome, Italy); Vasile Claudiu Perta (Sapienza University of Rome, Italy); Julinda Stefa (Sapienza University of Rome, Italy)

**POSTER SESSION**

Thursday, April 18 (10:30 - 16:00)

Room: Corridoio Nizza

***An Accurate Measurement-Based Power Consumption Model for LTE Uplink Transmissions***

Bjoern Dusza (TU Dortmund University, Germany); Christoph Ide (TU Dortmund University,



Germany); Liang Cheng (Lehigh University, USA); Christian Wietfeld (TU Dortmund University & Communication Networks Institute, Germany)

***Incorporating feedback from application layer into routing and wavelength assignment algorithms***

Philip Wette (University of Paderborn, Germany); Holger Karl (University of Paderborn, Germany)

***Broadcast Scheduling for Cognitive Radio Networks***

Shouling Ji (Georgia Institute of Technology & Georgia State University, USA); Mingyuan Yan (Georgia State University, USA); Yueming Duan (Georgia State University, USA); Jing (Selena) He (Kennesaw State University, USA); Raheem Beyah (Georgia Institute of Technology, USA); Zhipeng Cai (Georgia State University, USA)

***A new MAC protocol to support mobile nodes and real time Wireless Sensor Network applications***

Besem Abid (University Lyon1, France); Hamida Lagraa Seba (Université Lyon1 & EZUS-Lyon, France); Souleymane Mbengue (Itron, France)

***Liquidstream II - Scalable P2P overlay optimization with adaptive minimal server assistance for stable and efficient Video On Demand***

Konstantinos Deltouzos (University of Patras, Greece); Ilias Gkortsilas (University of Patras, Greece); Nikolaos Efthymiopoulos (University of Patras, Greece); Spyros Denazis (University of Patras, Greece)

***Delay Tolerant Networks as Spatio-Temporal Networks***

Rajib Ranjan Maiti (Indian Institute of Technology Kharagpur, India); Arobinda Gupta (Indian Institute of Technology Kharagpur, India); Niloy Ganguly (Indian Institute of Technology Kharagpur, India)

***Estimating the Used IPv4 Address Space with Secure Multi-party Capture-recapture***

Sebastian Zander (Swinburne University of Technology, Australia); Lachlan L. H. Andrew (Swinburne University of Technology, Australia); Grenville Armitage (Swinburne university of Technology, Australia)

***P2P Media Streaming with HTML5 and WebRTC***

Jukka K. Nurminen (Aalto University, Finland); Antony Meyn (Aalto University & Technical University of Denmark, Finland); Eetu Jalonen (Aalto University, Finland); Yrjo Raivio (Aalto University, Finland); Raúl García Marrero (Aalto University, Finland)

***$L_{1/2}$ -based Iterative Matrix Completion for Data Transmission in Lossy Environment***

Rong Du (Shanghai Jiao Tong University, P.R. China); Cailian Chen (Shanghai Jiao Tong University, P.R. China); Zhiyi Zhou (Shanghai Jiao Tong University, P.R. China); Xinping Guan (Shanghai Jiao Tong University, P.R. China)

***LASS: Local-Activity and Social-Similarity Based Data Forwarding in Mobile Social Networks***

Zhong Li (Tongji University, P.R. China); Cheng Wang (University of Ottawa & Tongji University,

Shanghai, Canada); Siqian Yang (University of Tongji, P.R. China); Changjun Jiang (Tongji University, P.R. China); Xiang-Yang Li (Illinois Institute of Technology, USA)

### ***Rate-Privacy in Wireless Sensor Networks***

Hosein Shafiei (University of Tehran, Iran); Ahmad Khonsari (University of Tehran, Iran); Hazhir Derakhshi (University of Tehran, Iran); Payam Mousavi (University of Tehran, Iran)

### ***Privacy Preserving Distributed Network Outage Monitoring***

Mentari Djatmiko (NICTA, Australia); Dominik Schatzmann (ETH Zurich & Communication Systems Group, Switzerland); Arik Friedman (NICTA, Australia); Xenofontas Dimitropoulos (ETH Zurich, Switzerland); Roksana Boreli (National ICT Australia & University of NSW, Australia)

### ***HTTPTag: A Flexible On-line HTTP Classification System for Operational 3G Networks***

Pierdomenico Fiadino (Telecommunications Research Center Vienna (FTW), Austria); Arian Bär (Telecommunications Research Center Vienna (FTW), Austria); Pedro Casas (Telecommunications Research Center Vienna (FTW), Austria)

### ***Topology Authentication in RPL***

M Landsmann (Hamburg University of Applied Sciences, Germany); Heiner Perrey (Hamburg University of Applied Sciences, Germany); Osman Ugus (Hamburg University of Applied Science, Germany); Matthias Wählisch (Freie Universität Berlin, Germany); Thomas C. Schmidt (Hamburg University of Applied Sciences, Germany)

***QuestCrowd: A location-based question answering system with participation incentives***

Venkata Sri Krishnakanth Pulla (University of California, Irvine, USA); Chandra Shekhar Jammi (University of California, Irvine, USA); Prashant Tiwari (University of California, Irvine, USA); Minas Gjoka (University of California, Irvine, USA); Athina Markopoulou (University of California, Irvine, USA)

***A GPU-Accelerated Network Traffic Monitoring & Analysis System***

Wenji Wu (Fermi National Accelerator Lab, USA); Phil DeMar (Fermilab, USA)

***RIOT OS: Towards an OS for the Internet of Things***

Oliver Hahm (INRIA, Germany); Emmanuel Baccelli (INRIA, France); Mesut Guenes (Freie Universität Berlin, Germany); Matthias Wählisch (Freie Universität Berlin, Germany); Thomas C. Schmidt (Hamburg University of Applied Sciences, Germany)

***Re-Breaking Wireless Protected Setup***

Leonardo Maccari (University of Trento, Italy); Matteo Rosi (University of Florence, Italy)

***BLMon: A Loss Differentiation Scheme for 802.11n***

Zahaib Akhtar (Lahore University of Management Sciences, Pakistan); Kamran Nishat (Lahore University of Management Sciences, Pakistan); Haseeb Niaz (Lahore University of Management Sciences, Pakistan); Muhammad Ruwaifa Anwar (Lahore University of Management Sciences, Pakistan); Mohsin Ali (Lahore University of Management Sciences, Pakistan); Ihsan A Qazi (Lahore University of Management Sciences, Pakistan)

***Behavior-Aware Probabilistic Routing For Wireless Body Area Sensor Networks***

Song Yang (Shanghai JiaoTong University, P.R. China); Jia-Liang Lu (Shanghai Jiao Tong University, P.R. China); Linghe Kong (Shanghai Jiao Tong University, P.R. China); Wei Shu (The University of New Mexico, USA); Min-You Wu (Shanghai JiaoTong University, P.R. China)

***Secondary User Games with Spectrum Leasing Market in Cooperative Cognitive Radio Networks***

Heejun Roh (Korea University, Korea); Chenglong Shao (Korea University, Korea); Sinjae Lee (Korea University, Korea); Wonjun Lee (Korea University, Korea); Ding-Zhu Du (University of Texas, Dallas, USA)

***Improving the Throughput of Smart Phone Audio-Jack based Gateway for Sensor Networks***

Can Ma (Dalian University of Technology, P.R. China); Lei Wang (Dalian University of Technology, P.R. China); Qin Zhenquan (Dalian University of Technology, P.R. China); Ming Zhu (Dalian University of Technology, P.R. China); Lei Shu (Guangdong University of Petrochemical Technology, P.R. China); Weifeng Ying (Dalian University of Technology, P.R. China); Jiaqi Xu (Dalian University Of Technology, P.R. China); Canfeng Chen (Nokia Research Center, P.R. China)

***Detecting Application Update Attack on Mobile Devices through Network Features***

Lena Tenenboim-Chekina (Ben-Gurion University of the Negev, Israel); Oren Barad (Ben-Gurion University of the Negev, Israel); Asaf Shabtai (Ben Gurion University & Deutsche Telekom Laboratories at Ben Gurion University, Israel); Dudu Mimran (Telekom Innovation Laboratories Ben-Gurion University of the Negev, Israel); Lior Rokach (Ben-Gurion University, Israel); Bracha Shapira (Ben-Gurion University of the Negev, Israel); Yuval Elovici (Ben-Gurion

University, Israel)

***Smarter Home Networks with Simple Gateways***

Sajad Shirali-Shahreza (University of Toronto, Canada); Soheil Hassas Yeganeh (University of Toronto, Canada); Yashar Ganjali (University of Toronto, Canada)

***Combining Control Loops and Ant Algorithms to Optimize Network Lifetime***

Michael Frey (Humboldt-Universität zu Berlin, Germany); Mesut Guenes (Freie Universität Berlin, Germany)

***Online Gaming and File Download Coexistence over Multihop Wireless Networks***

Claudio E. Palazzi (University of Padua, Italy)