



Preliminary Conference Program

Hamburg, Germany
23 – 26 September, 2012
<http://mon-ami.org>

Sunday, 23 September

Tutorial	Henning Sanneck & Andreas Lobinger - Nokia Siemens Networks
14:00 – 18:00 including 30 min. coffee break	Operating Heterogeneous Wireless Networks with SON (Self-Organizing Networks) <i>Henning Sanneck, Andreas Lobinger – Nokia Siemens Networks</i>

18:00	On-site Registration Starts
-------	-----------------------------

18:30	Reception
-------	-----------

Monday, 24 September

Special Tutorial	John Strassner – Huawei Technologies
9:00 – 12:00 including 30 min. coffee break	Semantic Middleware for Orchestrating Behavior

Lunch break (12:00 - 13:30)

13:30	Welcome Address and Official Conference Opening
--------------	--

Keynote 1	Sven Van de Meer – Ericsson
14:00 – 15:00	HetNets, Big Data, Cloud, SDN...all problems solved and your lunch served, right?

Session 1	Wireless Networking (1) Chair: Oliver Blume - Alcatel-Lucent Bell Labs
15:00 – 15:30	A Price Based Load Balancing Scheme for Multi-Operator Wireless Access Networks <i>Johnny Choque, Ramon Agüero, Luis Munos - Universidad de Cantabria</i> <i>Joan Serrat – Universidad Politècnica de Catalunya</i>
15:30 – 16:00	On the Equilibrium of Pricing Assignment for Heterogeneous Wireless Access Networks <i>Carmen Lopez, Johnny Choque, Ramon Agüero, Luis Munos - Universidad de Cantabria</i> <i>Joan Serrat – Universidad Politècnica de Catalunya</i>
16:00 – 16:30	Evaluating User-centric Multihomed Flow Management for Mobile Devices in Simulated Heterogeneous Networks <i>Li Xi, Yasir Zaki, Umar Toseef – University of Bremen</i> <i>Oliver Mehani, NICTA</i> <i>Ramon Agüero, Universidad de Cantabria</i>

Coffee break

Session 2	Wireless Networking (2) Chair: Kostas Pentikousis - Huawei
17:00 – 17:30	User-Centric Mobility Management Architecture for Vehicular Networks <i>Rodolfo Meneguette, Luiz. F. Bittencourt, Edmundo R. M. Madeira - Unicamp</i>
17:30 – 18:00	Wireless Multi-Access Delivery for SVC-based Video Applications <i>Rui Costa, Telemaco Melia – Alcatel-Lucent Bell Labs</i> <i>Lucas Eznarriaga, Fabio Giust – Institute IMDEA Networks</i> <i>Antonio de la Oliva, Carlos J. Bernardos - University Carlos III of Madrid</i>
18:00 – 18:30	Uplink QoS Aware Multi-homing in Integrated 3GPP and non-3GPP Future Networks <i>Umar Toseef, Andreas Timm-Giel - Hamburg Harburg University of Technology</i> <i>Yasir Zaki, Carmelita Görg – University of Bremen</i>

Tuesday, 25 September

Session 3	Mobile Networks Chair: Ramon Aguero - University of Cantabria
9:00 – 9:30	Physical Cell ID Allocation in Multi-layer, Multi-vendor LTE Networks <i>Peter Szilagyi, Henning Sanneck – Nokia Siemens Networks Research</i> <i>Tobias Bandh – Technische Universität München</i>
9:30 – 10:00	On the performance of LTE UL Power Control in Realistic Conditions <i>Maria Lema, Mario Garcia, Silvia Ruiz, Juan Olmos - Universidad Politécnic de Catalunya</i>
10:00 - 10:30	Central GW Control and IP Address Management for 3GPP Networks <i>Wolfgang Hahn - Nokia Siemens Networks</i>

Coffee break

Session 4	Sensor Networks Chair: Andreas Timm-Giel - Hamburg University of Technology
11:00 – 11:30	Evaluation of Dense Cooperative Relay Deployments for Autonomic Emergency Communications <i>Michal Wodczak – Ericsson</i>
11:30 – 12:00	QoS Impact of Hierarchical Routing in Multi-Channel Sensor Networks <i>Luis Torres – Universidad del Norte, Colombia</i> <i>Ulrich Killat – Hamburg Harburg University of Technology</i>
12:00 – 12:30	Switching of Routing Algorithms in Wireless Networks for Fire Fighting <i>Chunlei An, Yunqi Luo, Andreas Timm-Giel – Hamburg Harburg University of Technology</i>

Lunch break: (12:30 – 13:30)

Keynote 2	Joel J. Fleck – HP
13:30 – 14:30	Slipping the Surly Bonds of Earth – Challenges of Dynamic Cloud Computing

Session 5	Future Networks: Open, Virtual and Opportunistic Chair: Susana Sargento - University of Aveiro
14:30 – 15:00	Statistical Analysis of Contact Patterns between Human-carried Mobile Devices <i>Tong Hu, Zhongwen Guo – Ocean University of China</i> <i>Bernd-Luwig Wenning, Umar Toseef, Carmelita Görg – University of Bremen</i>
15:00 – 15:30	On the Addition of a Network Coding Layer within an Open Connectivity Services Framework <i>David Gómez, Arnaldo Herrero, Ramon Agüero, Marta Garcia-Aranz - Universidad de Cantabria</i> <i>Sofiane Hassayoun, David Ros – Telecom Bretagne</i>
15:30 – 16:00	A Re-Optimization Approach for Virtual Network Embedding <i>Marcio Melo, Jorge Carapinha – Portugal Telecom Inovação</i> <i>Susana Sargento - Universidade de Aveiro</i> <i>Ulrich Killat, Andreas Timm-Giel – Hamburg Harburg University of Technology</i>

Coffee break

Whiteboarding Session	Chair: John Strassner – Huawei Technologies
16:30 – 18:00	MonAmi New Ideas in Computing (MANIC)

20:30	Conference Dinner
--------------	--------------------------

Wednesday, 26 September

Workshop I	Open Connectivity Services (1) Chair: Ramon Aguero
9:00 – 9:20	Service for Management of Connectivity in Spontaneous Community-Based Wireless Mesh Networks <i>Lucio Studer Ferreira, Luis M. Correia - IST/IT Technical University of Lisbon</i>
9:20 – 9:40	OConS Supported On Demand Radio Resource Allocation for Virtual Connectivity <i>Luisa Caeiro, Filipe Duarte Caeiro, Luis Manuel Correia - IST/IT Technical University of Lisbon</i>
9:40 – 10:00	Threat Model Based Security Evaluation of Open Connectivity Services <i>Peter Schoo, Roland Marx - Fraunhofer SIT</i>
10:00 – 10:30	Design and Implementation of the Open Connectivity Services Framework <i>Luis Diez, Ramón Agüero – University of Cantabria; Olivier Mehani – NICTA; Lucian Suciu – Orange Labs</i>

Coffee break and Demos Session

Workshop I	Open Connectivity Services (2) Chair: Ramon Aguero – University of Cantabria
11:15 – 11:45	ISAAR (Internet Service quality Assessment and Automatic Reaction) a QoE Monitoring and Enforcement Framework for Internet Services in Mobile Networks <i>Marcus Eckert, Thomas Martin Knoll - TU Chemnitz</i>
11:45 – 12:15	User-Centric Network-Application Interaction for Live HD Video Streaming <i>Thomas Zinner, Dominik Klein, Tobias Hossfeld - University of Wuerzburg</i>
12:15 – 12:45	Denser Networks for the Future Internet, the CROWD Approach <i>A. de la Oliva – University Carlos III of Madrid; A. Morelli, C. Cicconetti - INTECS Informatica e tecnologia del software; V. Mancuso - Institute IMDEA Networks; M. Draexler - University of Paderborn; T. Hentschel - Signalion GMBH; T. Melia - Alcatel-Lucent Bell Labs; P. Seite – France Telecom</i>

Lunch break: (12:45 - 13:45)

Keynote 3	Sajal Das - University of Texas Arlington
13:45 – 14:45	Models for Service Discovery and Resource Management in Smart Environments

Workshop II	Smart Objects Chair: Bernd-Ludwig Wenning – University of Bremen
14:45 – 15:15	Implementation of Context-Aware Network Architecture for Smart Objects Based on Functional Composition <i>Jose Luis Ferrer, Xavier Sanchez-Loro, Anna Calveras, Josep Paradells - Escola Tècnica Superior d'Enginyeria de Telecomunicació de Barcelona (ETSETB)</i>
15:15 – 15:45	A Cognitive Management Framework for Smart Objects and Applications in the Internet of Things <i>Dimitris Kelaïdonis, George Poullos, Vassilis Foteinos, Vera Stavroulaki, Panagiotis Vlacheas, Panagiotis Demestichas - Univeristy of Piraeus; Andrey Somov - CREATE-NET</i>
15:45 – 16:15	Security Requirements for Managing Smart Objects in Home Automation <i>Stefanie Gerdes, Olaf Bergmann - Universität Bremen</i>