

# ICT-MobileSummit 2008

## Final Programme

Stockholm *Sweden*

**10 - 12 June 2008**

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# Introduction

**ICT-MobileSummit 2008** Conference & Exhibition takes place 10 - 12 June 2008 in Stockholm, Sweden. This is the seventeenth in a series of Annual Conferences supported by the European Commission, which regularly attracts over 600 delegates from industry and research to share experiences and research results, identify future trends, discuss business opportunities and identify opportunities for international research collaboration under the ICT Theme of Framework Programme 7 (FP7). It will thus contribute to showcasing European research in the field, and position it within the multiplicity of related initiatives supported in other regions of the world.

In the context of convergence, the 17th ICT Mobile and Wireless Communications Summit (**ICT-MobileSummit**) will address the challenges of Future Ubiquitous Networks based on mobile and wireless communications, complemented with fixed infrastructures. The impact of such Future Networks on the underlying Internet infrastructure will in particular be emphasised. Services and applications for billions of users involving trillions of interconnected potentially mobile devices will be addressed at the event. The Plenary on the third day of the **ICT-MobileSummit 2008** will focus on the Future Internet.

Supported by the European Commission and eMobility, the **ICT-MobileSummit** focuses on Fixed, Mobile, Content Convergence; 4G and Beyond; Future Internet; Sensor Networks; Wireless and Fixed Broadband; Short Range Wireless Systems, Piconets; Ubiquitous Content; Application and Service Enablers; Components for Wireless Systems; Pervasive and Trusted Networks; and Research Strategies and Challenges.

The goals of the **ICT-MobileSummit** are Community Building to facilitate research cooperation and successful exploitation of research results, to stimulate take-up of RTD results by industry, to promote knowledge sharing between commercial and research organisations and to exchange experiences about the current state of the art at a sectoral, national or regional level.

## Who will you meet?

**ICT-MobileSummit 2008** Conference & Exhibition attracts practitioners and researchers from leading commercial and research organisations around the world. Unlike many research conferences, **ICT-MobileSummit 2008** provides an opportunity to meet with senior managers, practitioners, project managers, software engineers and researchers. Delegates and speakers attend to share knowledge, experience and lessons learnt, and network with their peers from around the world.

**ICT-MobileSummit 2008** Conference & Exhibition also provides the unique opportunity to identify partners and opportunities to co-operate in international research projects co-funded by the European Commission under Framework Programme 7 (FP7) and in particular, the FP7-ICT Theme.

## The Venue

**ICT-MobileSummit 2008** Conference & Exhibition takes place in the Folkets Hus of the Stockholm City Conference Centre, Barnhusgatan (off Vasagatan).

## The Programme

The 3-day programme features an invigorating mix of case studies and technical papers. As well as four plenary sessions, delegates may participate in 32 thematically focused parallel sessions featuring different aspects of Fixed, Mobile, Content Convergence; 4G and Beyond; Future Internet; Sensor Networks; Wireless and Fixed Broadband; Short Range Wireless Systems, Piconets; Ubiquitous

Content; Application and Service Enablers; Components for Wireless Systems; Pervasive and Trusted Networks; and Research Strategies and Challenges.

The Conference Programme is complemented by a demonstration and technology exploitation focused Exhibition, a Welcome Networking Reception which will take place on Monday 09 June 2008 and a Conference Dinner on Tuesday 10 June 2008.

The Conference Programme is subject to change and the **ICT-MobileSummit 2008** Organising Committee reserves the right to alter the contents, venue and/or speakers.

## Networking

Networking is a key feature of the **ICT-MobileSummit** Conference Series. Paper sessions are designed to maximise knowledge sharing by providing time for interactive discussions during the conference programme itself. Coffee breaks will take place in the Exhibition area to maximise exposure for technology demonstrations and posters and to facilitate informal one-on-one and small group discussions following paper or poster sessions. Social events are designed to facilitate informal discussion.

There are a number of dedicated networking areas around the venue with tables and chairs to facilitate short informal meetings.

The Delegate Showcase on the Conference Portal allows registered delegates, speakers and exhibitors to publish their own short profile and research interests to facilitate networking before, during and after the conference. Leverage this functionality to



contact potential partners in advance and arrange to meet during the conference.

## Wi-Fi Internet Access

**ICT-MobileSummit 2008** delegates may avail of the free Wi-Fi Internet Access during the Conference in the Exhibition and Networking areas.

## Conference Proceedings

The **ICT-MobileSummit 2008** Conference Proceedings will be published on CD-ROM and the Conference Portal. Each delegate will receive a free copy of the conference proceedings at Registration.

Following the conference, registered delegates will have access to all PowerPoint presentations, which will be published on the Conference Portal.

## Security, Health and Safety

Please wear your name badge for all activities during **ICT-MobileSummit 2008**, as it is your identification and allows access to the facilities offered. While the Conference and Exhibition is not open to the general public, it is still necessary to take care of bags, personal computers and other personal belongings.

While security staff will be present at the conference venue, the Organising Committee cannot accept any responsibility for any losses incurred or personal health and safety. Delegates should ensure they have personal health insurance and take due care when exploring Stockholm. Any special needs or requirements should be notified to the Conference Secretariat as far in advance of the event as possible.

## Hotel Accommodation

Hotel Accommodation in Stockholm is both expensive and limited during June.

Conference rates have been negotiated for delegates and accompanying persons with six hotels in Stockholm: Comfort Hotel, Malmen Hotel, Sjöfartshotellet, Sergel Plaza, Park Hotel and Continental Hotel. More information on the Conference hotels is published on the portal.

Conference hotel accommodation should be booked online on the **ICT-MobileSummit 2008** Conference portal as part of conference registration.

Delegates are strongly recommended to book their accommodation early as it will be allocated on a first-come, first-served basis. Hotel accommodation can only be confirmed upon receipt of payment. For further information, please visit:

[www.ICT-MobileSummit.eu](http://www.ICT-MobileSummit.eu)

## Networking Reception - 09 June

The Organising Committee is pleased to announce that the City of Stockholm will host a Welcome Networking Cocktail Reception on Monday 09 June from 17:45 - 20:00. The Reception will be held in the

Golden Room of Stadhuset (City Hall).

To participate in this Networking Reception, all delegates must register for this event as part of online registration **no later than 23 May** to be included in the security list for entrance to the City Hall.

Each confirmed delegate will receive an invitation card in their Conference Pack, which can be collected at the Conference Venue from 14:00 - 17:00 on Monday 09 June.

Delegates should arrive at the City Hall between 17:15 - 17:45 to clear security. Following a formal Welcome by the City, delegates will have the opportunity to participate in a tour of the City Hall.

## Conference Dinner - 10 June

The Organising Committee is pleased to announce that the Conference Dinner will be held on Tuesday 10 June at 19:00 in the Solliden Restaurant at Skansen Open-Air Museum, Djurgården.

Delegates can take the opportunity to visit Skansen from 17:00 and experience this unique Open-Air Museum, showcasing historic Sweden in miniature and typical Scandinavian animals prior to the dinner.

The venue has a fixed capacity and delegates are requested to confirm their participation no later than 26 May as part of online registration.

## Pre-Conference Workshops

A number of pre-conference workshops will take place on Monday 09 June at the **ICT-MobileSummit 2008** Venue: Folkets Hus, Stockholm City Conference Centre.

- **"Wireless Sensor and Actuator Network Research on Opposite Sides of the Globe - Europe/SENSEI and Australia/ISSNIP"** - full day

- **Flexible Baseband Transceiver Concepts Based on Time-Frequency Signal Processing** - morning

- **Personalization in Future Ubiquitous Communication** - morning

- **4WARD: A Clean-slate Approach to the Future Internet** - afternoon

- **FP6/FP7 Cluster Meeting: RAS (Radio Access and Spectrum)** - afternoon

Delegates should confirm participation in these pre-conference events as part of online registration. All participants will pay a contribution of €50 towards the cost of two coffee breaks, lunch and name badge. Delegates can attend multiple workshops during the day.

More information is available at

[www.ICT-MobileSummit.eu](http://www.ICT-MobileSummit.eu)

## Plenary Session Speakers

Keynote Speakers confirmed to date include:

- **Mr Hader Cars**, Deputy Lord Mayor, City of Stockholm
- **Dr Joao Schwarz da Silva**, Director, European Commission
- **Prof. Per Eriksson**, Director General VINNOVA, Sweden
- **Stig Ouvrier**, TeliaSonera, Sweden
- **Dr Fiona Williams**, Chair of the eMobility Steering Board, Research Director, Ericsson
- **Dr Maria Martini**, Kingston University London, United Kingdom
- **Dr Aljoscha Smolic**, Fraunhofer Institut für Nachrichtentechnik, Germany
- **Prof. Piet Demeester**, IMEC, Belgium
- **Prof. Gerhard P. Fettweis**, TU Dresden, Germany
- **Mitti Storckovius**, Nokia, Finland
- **Dennis Pamlin**, Joint WWF-ETNO project, Sweden
- **Dr Andreas Gladisch**, T-Systems Enterprise Services GmbH, Germany
- **Rainer Zimmermann**, European Commission, Belgium
- **Dr Fumito Kubota**, NICT, Japan
- **Prof. Dipankar Raychaudhuri**, WINLAB, Rutgers University, United States
- **Prof. Paul Mueller**, TU Kaiserslautern, Germany
- **Prof. Jukka Manner**, Helsinki University of Technology (TKK), Finland

## Technical Programme Committee

A distinguished Programme Committee has been formed to review and provide feedback on papers and presentations, and to chair sessions.

The **ICT-MobileSummit 2008** International Programme Committee includes

- **Paul Cunningham**, IIMC, Ireland (Conference Chair)
- **Prof. Rui Aguiar**, Universidade de Aveiro, Portugal
- **Carles Anton-Haro**, CTTC, Spain
- **Prof. Albert Banchs**, Universidad Carlos III de Madrid, Spain
- **Maurice Bellanger**, CNAM, France
- **Dr Friedbert Berens**, STMicroelectronics, Switzerland
- **Prof. Nicola Blefari Melazzi**, Università degli Studi di Roma - Tor Vergata, Italy
- **Didier Bourse**, Motorola, France
- **Dr Veselin Brankovic**, TES Electronic Solutions GmbH, Germany
- **Christophe Cordier**, France Telecom, France
- **Prof. Luis Correia**, Instituto Superior Technico, Portugal
- **Miriam Cunningham**, IIMC Ltd, Ireland
- **Prof. Klaus David**, Kassel University, Germany
- **Prof. Andrzej Duda**, Grenoble INP - ENSIMAG, LIG Lab, France
- **Ralf Eickhoff**, Dresden University of Technology, Germany
- **Prof. Gerhard P. Fettweis**, TU Dresden, Germany
- **Prof. Javier Rodriguez Fonollosa**, Technical University of Catalonia (UPC), Spain
- **Dr Elena Gaura**, Coventry University, UK
- **Joseph Gorman**, SINTEF, Norway
- **Laurent Herval**, CEA-Leti, France
- **Prof. José María Hernando**, Universidad Politécnica de Madrid, Spain
- **Uwe Herzog**, Eurescom, Germany
- **Dr Bruno Jacobfeuerborn**, Polska Telefonia Cyfrowa, Poland
- **Nigel Jefferies**, Vodafone, UK
- **Stefan Kaiser**, DoCoMo Euro-Labs, Germany
- **David Kennedy**, Eurescom, Germany
- **Mika Klemettinen**, NOKIA, Finland
- **Klaus-Michael Koch**, Technikon Forschungs- und Planungsgesellschaft mbH, Austria
- **Georgios Kormentzas**, University of the Aegean, Greece
- **Prof. Tatiana Kovacikova**, University of Zilina, Slovakia
- **Prof. Marco Luise**, University of Pisa, Italy
- **Prof. Thomas Magedanz**, FOKUS, Germany

- **Dr David Malone**, National University of Ireland
- **Hrjehor Mark**, GWT-TUD GmbH, Germany
- **Sylvie Mayrargue**, CEA, France
- **Prof. Ingrid Moerman**, IBBT-Ghent University, Belgium
- **Werner Mohr**, Nokia Siemens Networks, Germany
- **Telma Mota**, Portugal Telecom Inovação S.A., Portugal
- **Luis Munoz**, University of Cantabria, Spain
- **Micheál O'Foghlú**, TSSG, WIT, Ireland
- **Riccardo Pascotto**, T-Systems, Germany
- **Miguel Ponce de Leon**, TSSG, WIT, Ireland
- **Dr Marcelo Pias**, University of Cambridge, UK
- **Jean-Charles Point**, JCP-Consult, France
- **Dr Mikhail Popov**, Acreo AB, Sweden
- **Martin Potts**, Martel Consulting, Switzerland
- **Oriol Sallent**, Universitat Politecnica de Catalunya, Spain
- **Reijo Savola**, VTT, Finland
- **Prof. Vasilios Siris**, FORTH-ICS/University of Crete, Greece
- **Prof. Rahm Tafazolli**, University of Surrey, UK
- **Terje Tjelta**, Telenor, Norway
- **Peter Vetter**, Alcatel-Lucent Bell Labs, Belgium
- **Josep Vidal**, UPC, Spain
- **Prof. Konstantinos Voudouris**, Technological Educational Institution (TEI) of Athens, Greece
- **Dr Fiona Williams**, Ericsson, Germany
- **Prof. Djamel Zeghlache**, Institut National des Telecommunications, France
- **Prof. Sven Zeisberg**, University of Applied Sciences Dresden, Germany

## Organising Committee

- **Miriam Cunningham**, IIMC, Ireland
- **Paul Cunningham**, IIMC, Ireland



## Conference Secretariat

IIMC Ltd  
13 Docklands Innovation Park, 128 East Wall Road,  
Dublin 3, Ireland  
Tel: +353 (0) 1 8170607  
Fax: +353 (0) 1 8170606  
e-mail: [secretariat@ICT-MobileSummit.eu](mailto:secretariat@ICT-MobileSummit.eu)  
Web: [www.ICT-MobileSummit.eu](http://www.ICT-MobileSummit.eu)



Tuesday,  
June 10, 2008

08:00

Registration

09:00 **Opening Plenary 1a: Mobile Evolution to meet the Future Internet Challenge**

**Welcome**

Paul Cunningham, IIMC Ltd

**ICT Initiatives in Sweden**

Hader Cars, Deputy Lord Mayor, City of Stockholm, Sweden

**Effects of Swedish Mobile ICT Research - Past, Present and Future**

Prof. Per Eriksson, Director General VINNOVA - The Swedish Governmental Agency for Innovation Systems, Sweden

**Mobile Communications Research at the Crossroads**

Dr Joao Schwarz da Silva, Director, Converged Networks and Services, DG Information Society and Media, European Commission

**Driving Key Technologies for Next Generation Mobile Networks**

Stig Ouvrier, TeliaSonera, Sweden

**eMobility Perspectives on 2020**

Fiona Williams, Chair of the eMobility Steering Board, Research Director, Ericsson

10:30 Coffee Break

Exhibition &amp; Networking

11:00 Session 2a **4G and Beyond: System Architecture Aspects**Chair: **Didier Bourse, Motorola, France****An Architectural Analysis and Evaluation of a JSCC/D System on 4G Networks**

Gianmarco Panza, CEFRIEL, Italy

**An Autonomic Protocol Graph Management Architecture for Reconfigurable Systems**

Bin Sun, Beijing University of Posts and Telecommunications, China

**Autonomic Joint Session Admission Control using Reinforcement Learning**

Zhiyong Feng, Beijing University of Posts and Telecommunications, China

**A Primary Spectrum Management Solution Facilitating Secondary Usage Exploitation**

Jordi Perez-Romero, Universitat Politècnica de Catalunya, Spain

**Handovers for Ubiquitous Connectivity in Next Generation Wireless Systems**

Lambros Sarakis, National Center for Scientific Research "Demokritos", Greece

11:00 Session 2b **Co-Existing Short Range Devices**Chair: **Friedbert Berens, STMicroelectronics, Switzerland****Study and Assessment of Cooperative Techniques for MB-OFDM UWB**

Juan Choliz, University of Zaragoza, Spain

**UWB Picocell Clusters: Real-time Interference Monitoring**

Roberto Llorente, Universidad Politécnica de Valencia, Spain

**UWB Body Area Networks: Co-Existence Analysis and Performance Optimization**

Daniele Domenicali, University of Rome "La Sapienza", Italy

**Mitigation Parameters of UWB Coexistence With WiMax Client Terminal**

Abdur Rahim, Technical University Dresden, Germany

11:00 Session 2c **WiMAX**Chair: **Konstantinos Voudouris, Technological Educational Institution (TEI) of Athens, Greece****MIMO Techniques for WiMAX Systems in Challenging Radio Channel Conditions**

Ilkka Harjula, VTT, Finland

**On the Performance of Algebraic STBCs in WiMax Systems**

Georgia Bakirtzoglou, INTRACOM Telecom S.A., Greece

**Hardware Link Level Emulator for System Level Simulations of WiMAX-like Systems**

Roman Maslennikov, Intel Corp., Russia

**Link Performance Model for Multihop WiMax OFDMA Systems**

Evangelia Diamantakou, INTRACOM Telecom S.A., Greece

11:00 Session 2d **Beyond IMS - Architectures and Business Models**Chair: **Christophe Cordier, France Telecom, France****Service Platform B3G – SPICE**

Mathieu Boussard, Alcatel-Lucent, France

**WIMS 2.0: Converging IMS and Web 2.0**

David Lozano, Telefónica Research and Development, Spain

**Ubiquitous Sensor Networks in IMS: an Ambient Intelligence Telco Platform**

Jesus Bernat Vercher, Telefonica Investigación y Desarrollo, Spain

**Beyond the Connected Car: Using the Portable IMS Gateway as an In-car Interface to Home Services**

Martin Gerdes, Ericsson Research, Germany

**Techno-Business Assessment of Services and Service Platforms: Quantitative, Scenario-based Analysis**

Josip Zoric, Telenor R&amp;I, Norway

**An Analysis of the Performance of an MIH Based Switch Strategy for Heterogeneous Network Mobility**

Hamid Nafaa, University College Dublin, Ireland

11:00 Poster Session 2e **Wireless and Fixed Broadband**Chair: **Bruno Jacobfeuerborn, Polska Telefonia Cyfrowa, Poland****Rate Adaptation for Multi-Rate Wireless Stations: A Cognitive Approach**

Hamed Al-Raweshidy, Brunel University, United Kingdom

**Location-based services and localization in WiMAX networks**

Mussa Bshara, Vrije Universiteit Brussel, Belgium

**Connection Admission Control in WiMAX Networks**

Marco Castrucci, CRAT, Italy

**A Generalised Low-complexity SISO Sphere Decoder for Lattice-based Communication Systems**

Josep Vidal, UPC, Spain

**A BLER based UL LTE AMC featuring Fast Upgrade and Emergency Downgrade**

Carsten Ball, Nokia Siemens Networks GmbH &amp; Co KG, Germany

**A Base Station Assignment Strategy for Radio Access Networks with Backhaul Constraints**

Hiram Galeana, Universitat Politècnica de Catalunya, Spain

**Geo-mobility and Location Service in Spontaneous Wireless Mesh Networks**

Andrzej Duda, Grenoble INP, France

**A Proposed QoS Reservation Mechanism for Broadband Hybrid Wireless Access**

Emanuel Puschita, Technical University of Cluj-Napoca, Romania

**The FIREWORKS Project: Flexible RElay Wireless OFDM(A)-based Networks**

Antonis Valkanas, INTRACOM Telecom S.A., Greece

**Capacity of WCDMA System for Aeronautical Communications**

Ramón Martínez Rodríguez-Osorio, Universidad Politécnica de Madrid, Spain

**Performance Evaluation of a Medium Access Control Protocol for a Distributed ARQ Scheme in Cooperative Wireless Networks**

Christos Verikoukis, CTTC, Spain

**Gigabit Home Networks, OMEGA ICT Project**

Jean-Philippe Javaudin, Orange Labs, France Telecom, France

**Improvements in Transmission over Optical Backbones of Mobile Networks**

Eszter Udvary, Budapest University of Technology and Economics, Hungary

12:50 Lunch **Exhibition & Networking**13:50 Session 3a **4G and Beyond: Architectural and QoS Aspects**Chair: **Javier R. Fonollosa, Universitat Politècnica de Catalunya (UPC), Spain****The Study on the Enhanced Trunk Reservation Mechanism for S-UMTS CAC**

Wei Guo, University of Bradford, United Kingdom



**A Real-time Platform for End-to-edge QoS Evaluation in Heterogeneous Networks**

Francisco Bernardo Alvarez, Universitat Politècnica de Catalunya, Spain

**Fast Mobility in Proactive Routing Protocols**

Rui Aguiar, Universidade de Aveiro, Portugal

**Support of Interactive Services with QoS in Broadcast Unidirectional Networks**

Susana Sargento, Universidade de Aveiro, Portugal

**The Daidalos Interdomain QoS Architecture**

Vitor Jesus, Universidade de Aveiro, Portugal

13:50 Session 3b

UWB

Chair: [Veselin Brankovic, TES Electronic Solutions GmbH, Germany](#)

**UWB in Heterogeneous Access Networks**

Ana Sierra, Telefónica I+D, Spain

**Radio Channel Issues for DAA between UWB and WiMAX**

Raffaele D'Errico, Ecole Nationale Supérieure de Techniques Avancées, France

**Investigation of the Mutual Coupling Effects on the Performance of UWB Multiple Antennas Systems Using Typical UWB Vivaldi Antennas**

Mohamed El-Hadidy, University of Hannover, Germany

**Avoiding Method of DAA in WiMedia MB-OFDM UWB**

Jeong-Sang Lee, Samsung Electronics Co. Ltd., Republic of Korea

**A Non-Coherent Ultra Wide Band Radio Development and Demonstration Platform**

Dusan Radovic, TES Electronic Solutions, Germany

13:50 Session 3c

Radio Technology for Sensor Networks

Chair: [Carles Anton-Haro, CTTC, Spain](#)

**Ultra Low Power Local Positioning Systems for Wireless Sensor Networks**

Ralf Eickhoff, Dresden University of Technology, Germany

**Link Adaptation for Autonomous IR-UWB Networks**

Maria Dolores Perez Guirao, Leibniz Universität Hannover, Germany

**Time-Variant Ultra-Wideband Radio Channel Measurements in Industrial Environment**

Jürgen Kunisch, IMST GmbH, Germany

**Body Shadowing in a Multipath Environment in Wireless Sensor Networks**

Berend Kuipers, Technical University of Lisbon, Portugal

**Opportunistic Power Allocation in Wireless Sensor Networks with Imperfect Channel State Information**

Carles Anton-Haro, CTTC, Spain

**System-level Optimisation of an Ultra-Low Power RF IEEE802.15.4 System-on-Chip**

Eric Mercier, CEA-Leti, France

13:50 Session 3d

Service Creation

Chair: [David Kennedy, Eurescom, Germany](#)

**Making Services Creation Possible for (Almost) Everyone**

Sian Lun Lau, University of Kassel, Germany

**Easy Service Creation of Local Mobile Services on an Open SOA Platform**

Frank Bormann, Orga Systems GmbH, Germany

**Towards the Automation of the Service Composition Process: Case Study and Prototype Implementations**

Mazen Shiaa, NTNU, Norway

**Extending Reusable Asset Specification to Describe Simple Mobile Services**

Dimitrios Kateros, National Technical University of Athens, Greece

**Structural and Quantitative Evaluation of Multi-Actor Business Models for Mobile Service Platforms**

Nils Walravens, IBBT-SMIT, Vrije Universiteit Brussel, Belgium

13:50 Poster Session 3e

Research Strategies & Security

Chair: [Nigel Jefferies, Vodafone Group Services Ltd, United Kingdom](#)

**The FP6 STOLPAN Project: Building up an European NFC Ecosystem**

Carlo Maria Medaglia, University Of Rome "La Sapienza", Italy

**Wireless Hybrid Enhanced Mobile Radio Estimators - WHERE**

Simon Plass, German Aerospace Center (DLR), Germany

**Requirements for Secure Delegation and Ownership Transfer of RFID Tags**

Tassos Dimitriou, Athens Information Technology, Greece

**Switched MEMS Antenna for Handheld Devices**

M .Bilal Khalid, KTH Signal Processing, Sweden

**Safe Access to Computing Resources in Personal Networking Environments**

Charalampos Patrikakis, NTUA, Greece

15:40 Coffee Break

Exhibition & Networking

16:10 Session 4a

4G and Beyond: Relaying and Coordination Aspects

Chair: [Albert Banchs, Universidad Carlos III de Madrid, Spain](#)

**Cooperative Relaying in an Indoor Environment**

Michal Wodczak, Telcordia Poland, Poland

**Enhancing 802.16 Networks through Infrastructure-based Relays**

Olga Muñoz, Universitat Politècnica de Catalunya, Spain

**On Interference Coordination in Metropolitan Area Relay Networks**

Carl Wijting, Nokia Research Center, Finland

**The Benefits of Relay Selection in WiMAX Networks**

Jose Vicario, UAB, Spain

**Performance Study on Cooperative Relaying Topologies in beyond 3G Systems**

Eike Reetz, University of Applied Sciences, Germany

16:10 Session 4b

UWB Technologies

Chair: [Sven Zeisberg, University of Applied Sciences Dresden, Germany](#)

**EUWB - Coexisting Short Range Radio by Advanced Ultra-Wideband RadioTechnology**

Sven Zeisberg, University of Applied Sciences Dresden, Germany

**Capacity Analysis of High Data Rate Wireless Personal Area Networks**

Hamed Al-Rawashidy, Brunel University, United Kingdom

**WiMedia Based UWB System Concept with Fast Frequency Hopping OFDM**

Christoph Spiegel, Universität Duisburg-Essen, Germany

**Development, Implementation and Verification of a UWB Wireless BAN-based Platform with GUI**

Stephan Robert, HEIG-Vd, Switzerland

**Very High Data Rate Ultrawide Band (UWB) Communication System Concept**

Jens Weber, TES Electronic Solutions GmbH, Germany

16:10 Session 4c

Sensor Network Architectures and Protocols

Chair: [Ingrid Moerman, IBBT-Ghent University, Belgium](#)

**Integrating Wireless Sensor Networks into IMS**

Alexander Gluhak, University of Surrey, United Kingdom

**Opportunistic Distance-Aware Routing in Multi-Sink Mobile Wireless Sensor Networks**

Bernd-Ludwig Wenning, University of Bremen, Germany

**SENSEI - Integrating the Physical with the Digital World of the Network of the Future**

Mirko Presser, The University of Surrey, United Kingdom

**Resilient Network Coding for Wireless Sensor Networks**

Yee Wei Law, The University of Melbourne, Australia

**Evaluation of Wake up Methods in Battery Powered Wireless Sensor Networks**

Thomas Wendt, Albert-Ludwigs-University of Freiburg, Germany

**On Cooperative Protocols with Binary Input**

Athanasios Liavas, Technical University of Crete, Greece

16:10 Session 4d

Service Enabling Technologies

Chair: [Riccardo Pascotto, T-Systems, Germany](#)

**Combining GPS and WLAN based Position Estimators in Real Scenarios**

Krzysztof Kordybach, VTT, Finland

**Multicast Groups based on Transcoding**

Madiha Zafar, University of The West of England, United Kingdom

**GREAT - Galileo Receivers for Mass Market**

Stephan Sand, German Aerospace Center (DLR), Germany

**A Day in the Wireless World: Hands-on Experiences of the Future Wireless World**

Marion Duprez, Orange Labs, France

**A Scalable Platform for Context-aware and DRM-enabled Adaptation of Multimedia Content**

Hemantha Kodikara Arachchi, University of Surrey, United Kingdom

Personal Networks as Distributed Clients for IMS  
Ernö Kovacs, NEC Europe Ltd, Germany

16:10 Poster Session 4e Fixed Mobile Convergence

Chair: [Klaus Moessner, University of Surrey, United Kingdom](#)

**How to Face Convergence to Guarantee End-to-end Quality of Service**

Nuria Gomez-Rojo, Telefónica Investigación y Desarrollo, Spain

**Samba DVB-H: A Pioneering and Innovative Quality of Experience Monitoring and Simulation DVB-H Platform**

Elena Gutiérrez García, HyC, Soluciones de Vídeo y Comunicaciones, Spain

**Inter-MAC: Convergence at MAC layer in Home Gigabit Network**

Francesco Delli Priscoli, University of Rome "La Sapienza", Italy

**Renewal Properties of Rain Fade and Interfade Duration on Radio Links**

János Bitó, Budapest University of Technology and Economics, Hungary

**An Overview of Market, Institutional, and Social Drivers and Barriers for Content in the Mobile Platform**

Claudio Feijoo, IPTS, JRC, European Commission, Spain

**Fibre Optic Networks for Distributed, Extendible Heterogeneous Radio Architectures and Service Provisioning**

Paulo Monteiro, Nokia Siemens Networks Portugal, S.A., Portugal

18:00 End of Conference Day

19:00 - 22:00 Conference Dinner, Solliden Restaurant, Skansen



Wednesday,  
June 11, 2008

09:00 Panel Session 5a Application Requirements for Mobile Broadband

Chair: [Luis M. Correia, IST - Tech. Univ. Lisbon, Portugal](#)

**Mobile Broadband and Future Healthcare Applications: Facts and Challenges**

Maria Martini, Kingston University London, United Kingdom

**Mobile Video and 3D Video – Challenges for Future Mobile Networks**

Aljoscha Smolic, Fraunhofer Institut für Nachrichtentechnik, Germany

**Potential Applications and their Requirements for the WINNER System**

Werner Mohr, Nokia Siemens Networks GmbH & Co. KG, Germany

**Network & Service Requirements for High Mobility - View of IST project DAIDALOS**

Riccardo Pascotto, Deutsche Telekom, Germany

10:30 Coffee Break Exhibition & Networking

11:00 Session 6a 4G and Beyond: MAC-Layer Aspects

Chair: [Stefan Kaiser, DoCoMo Euro-Labs, Germany](#)

**Dynamic Resource Allocation Architecture for IEEE802.16e: Design and Performance Analysis**

Alberto Nascimento, Instituto de Telecomunicações, Portugal

**A Multi-Mode MAC Protocol Integrating FDD and TDD for Next Generation Multi-Hop Mobile Radio Networks**

Arif Otyakmaz, RWTH Aachen University, Germany

**New Frequency Domain Packet Scheduling Schemes for UTRAN LTE Downlink**

Stanislav Nonchev, TUT Finland, Finland

**Complexity Performance Trade-off for Proportional Fair Scheduling in a Multiple Antenna OFDMA system**

Alfredo Todini, University of Rome "La Sapienza", Italy

11:00 Session 6b PHY and Coding

Chair: [Marco Luise, University of Pisa, Italy](#)

**Enhancement of Cooperative Decode and Forward Scheme Based on Relay Data Quality**

Reza Hoshyar, University of Surrey, United Kingdom

**Enhanced Iteration Control for Ultra Low Power LDPC Decoding**

Timo Lehnigk-Emden, University of Kaiserslautern, Germany

**A MAP Decision Approach to Enhance Space-Time MIMO Wireless System Performance**

John An, National Taiwan Ocean University, Taiwan

**CDMA Based Multiuser Relay System Using Modified Turbo MUD through Conference Cooperation**

Reza Hoshyar, University of Surrey, United Kingdom

**The DS/CDMA Amplify and Forward Relay Channel: Asymptotic Spectral Efficiency**

David Gregoratti, CTTC, Spain

**16-QAM 10Gb/s mm-wave Wireless Links Employing Photonic Vector Modulation Techniques**

Rakesh Sambaraju, Universidad Politecnica de Valencia, Spain

11:00 Session 6c Research Strategies - Future Technologies and Tools

Chair: [Ralf Eickhoff, Dresden University of Technology, Germany](#)

**Self-Organisation in Future Mobile Communication Networks**

Remco Litjens, TNO ICT, Netherlands

**Spectrum Usage Estimation Technique using Neural Networking for Opportunistic Radio**

Klaus Moessner, University of Surrey, United Kingdom

**Towards Cognitive Use of Radio Resources: Shaping Radio Regulation for the Future**

Klaus Moessner, University of Surrey, United Kingdom

**An Event-based Distributed Simulation Platform for inter-System Optimization studies in Composite Wireless Networks**

George Kormentzas, National Center for Scientific Research "Demokritos", Greece

**Model Driven Protocol Implementation Tools**

Andy Carpenter, University of Manchester, United Kingdom

**Implementation of a Configurable Protocol Analyser using an MDS Approach**

Andy Carpenter, University of Manchester, United Kingdom

11:00 Session 6d **Fixed Mobile Convergence: Performance**

Chair: **Jean-Charles Point, JCP-Consult, France**

**SCTP for Bandwidth Aggregation and Mobility in a Heterogeneous Environment**

Vincent Merat, MOTOROLA, France

**Packet Scheduling for Multicast/Broadcast Services**

Robin Chiang, UWE, United Kingdom

**HSDPA/WiFi RAT Selection Based on Load Suitability**

Fernando J. Velez, University of Beira Interior, Portugal

**DVB-H and Wi-Fi Integration and Unification for Extended Mobile Broadcast: Implementation and Result**

Adrian Hornsby, Tampere University of Technology, Finland

**Packet Loss in a DVB-H Network**

Christopher Howson, Thomson, France

**Signalling for IMS and MBMS Integration**

Filipe Cabral Pinto, PTIN, Portugal

11:00 Poster Session 6e **Applications**

Chair: **Claire Fahy, TSSG, Waterford Institute of Technology, Ireland**

**Security-By-Contract (SxC)**

Katsiaryna Naliuka, University of Trento, Italy

**Geographic Subarea Determination of Mobile Terminals in GSM Networks**

Dimitris Nikitopoulos, National Technical University of Athens, Greece

**User Centric QoS Policy Management for Heterogeneous Internet Environment**

David Wagner, Fraunhofer FOKUS, Germany

**Federation in Daidalos**

Riccardo Pascotto, Deutsche Telekom, Germany

**MOBISERVE Project - New Mobile Services at Big Events using DVB-H Broadcast and Wireless Networks**

Marius Spika, TU-Braunschweig, Germany

**The SIM Card as an Enabler for Security, Privacy, and Trust in Mobile Services**

Carsten Rust, Sagem Orga, Germany

**P2P Networks in Ubiquitous Computing Environments to Support the Integration of Context Information into Product Lifecycle Management Systems**

Henning Müller, BIBA, Germany

12:50 Lunch **Exhibition & Networking**

13:50 Session 7a **4G and Beyond: PHY-Layer Aspects**

Chair: **Werner Mohr, Nokia Siemens Networks GmbH & Co. KG, Germany**

**Cyclic Delay Diversity with Channel Estimation for DVB-SH**

Nicolas Cassiau, CEA-Leti/Minatoc, France

**Fine Tuning of MI-ACM Algorithm in LDPC Coded OFDM Transmission**

Adam Piątyśzek, Poznań University of Technology, Poland

**Feedback Design in Multiuser MIMO Systems Using Quantization**

Splitting and Hybrid Instantaneous/Statistical Channel Information

Emil Björnson, Royal Institute of Technology (KTH), Sweden

**A Reconfigurable Downlink Air Interface: Design, Simulation Methodology, and Performance Evaluation**

Javier R. Fonollosa, Universitat Politècnica de Catalunya (UPC), Spain

**Spatial Interference Suppression for Shared Spectrum**

Mats Bengtsson, Royal Institute of Technology (KTH), Sweden

13:50 Session 7b **PHY Components**

Chair: **Mikhail Popov, Acreo AB, Sweden**

**A Technical View on the URANUS Validation Platform**

Alexander Viessmann, Universität Duisburg-Essen, Germany

**Design Methodology for Base Station Diplexer Design and Tuning**

Veselin Brankovic, TES Electronic Solutions GmbH, Germany

**Performance Evaluation for Multi-user MIMO Uplink with Linear and Non-linear Processing**

Maria Kangas, University of Oulu, Finland

**Laptop Antenna Location Effects on Electromagnetic Human Interaction with E-Shaped Back-to-Back Patch**

Custódio Peixeiro, Instituto de Telecomunicacoes, IST, Portugal

**Achievable Rate Based Quantization Scheme in Half-Duplex Compress-and-Forward Relay System**

Rahim Tafazolli, CCSR, University of Surrey, United Kingdom

13:50 Session 7c **System & Networking**

Chair: **Jean-Charles Point, JCP-Consult, France**

**Integration of PLC with Fixed and Mobile Communication Technologies**

Ramón Martínez Rodríguez-Osorio, Universidad Politécnica de Madrid, Spain

**Mobility Options in the IP-based Aeronautical Telecommunication Network**

Serkan Ayaz, German Aerospace Center, Germany

**Evaluation of RAN Concepts for Enhancing MBMS in the Framework of C-MOBILE**

Ralf Tönjes, Uni. Appl. Sci. Osnabrück, Germany

**GENEDYSA: Genetic Algorithm Based Dynamic Spectrum Allocation for Wireless Radio Networks**

Duminda Thilakawardana, University of Surrey, United Kingdom

**Sensing UMTS Bands Using Cyclostationary Features and Cooperation Between Opportunistic Terminals**

Joaquim Bastos, Instituto de Telecomunicacoes, Portugal

**Analysis of Variation in IEEE802.11k Channel Load Measurements for Neighbouring WLAN Systems**

Christina Thorpe, University College Dublin, Ireland

13:50 Session 7d **Fixed Mobile Convergence: Architecture & Service Issues**

Chair: **George Kormentzas, University of the Aegean, Greece**

**Nomadism, Session Continuity and Roaming in a Fixed Mobile Convergent Network**

Arkadiusz Sitek, Telekomunikacja Polska S.A., Poland

**Design of NGN Mobile Multicast Group Service Enablers**

Telma Mota, Portugal Telecom Inovação S.A., Portugal

**Femtocell Quality of Service over DSL Backhaul**

Árpád Drozdy, Budapest University of Technology and Economics, Hungary

**Towards a Converged Messaging Service**

Igor Radovanovic, Eindhoven University of Technology, Netherlands

**Exploiting History of Context Data for Lightweight Inference of User Status**

Miltiades Anagnostou, National Technical University of Athens, Greece

**Network Fault Detection with Wiener Filter-Based Agent**

Mouhammd Al-Kasassbeh, University of Portsmouth, United Kingdom

13:50 Poster Session 7e **Sensors & Components**

Chair: **Reijo Savola, VTT Technical Research Centre of Finland**

**Comparative Simulations of WSN**

Markus Becker, Universität Bremen, Germany

**Efficient Physical Layer Security for LDR Sensor Networks**

Ahmad Ahmad, Institut National des Télécommunications, France

**On the Performance of Ad-hoc and Sensor Networks**

Xueli An, Delft University of Technology, Netherlands

**Event-Driven Simulation Framework for Large Scale Sensor**

Networks: Discovery, Relaying, Routing, Localization and Tracking

Giuseppe Abreu, University of Oulu, Finland

**Sensor Networks for Cognitive Radio: Theory and System Design**

Ragnar Thobaben, Royal Institute of Technology, Sweden

**Algorithm-Architecture Co-Design of a Multi-Standard FEC Decoder ASIP**

Liesbet Van der Perre, IMEC, Belgium

**MIMAX – Exploiting the Maximum Performance and Minimum System Costs of Wireless MIMO Systems**

Frank Ellinger, Dresden University of Technology, Germany

**Statistical Analysis of Waveform Distortion Caused by UWB Antennas**

Pedro Luis Carro, University of Zaragoza, Spain

15:40 Coffee Break **Exhibition & Networking**



16:10 Session 8a 4G and Beyond: Economical AspectsChair: [Fiona Williams, Ericsson, Germany](#)**Cost Assessment of Radio Access Network Deployments with Relay Nodes**

Marc Werner, Qualcomm Germany, Germany

**Revenue Sharing Models for Dynamic Telecommunications Services using a Cognitive Pilot Channel**

Simon Delaere, Vrije Universiteit Brussel, Belgium

**The Daidalos Federation Architecture**

Vitor Jesus, University of Aveiro, Portugal

**Maximizing Quality of Service for Customers and Revenue for Service Providers through a Noncooperative Admission Control Game**

Dimitris Charilas, National Technical University of Athens, Greece

**Fixed Network Operators view on Techno-Economics of Fixed Mobile Convergence**

Kåre Gustafsson, Ericsson, Germany

16:10 Session 8b Admission Control & QoSChair: [Rui Aguiar, Universidade de Aveiro, Portugal](#)**A Reinforcement Learning Admission Control for Wireless Next Generation Networks**

Vincenzo Suraci, University of Rome "La Sapienza", Italy

**Fair Cooperation Protocol For Wireless Mesh Networks Based On Time-Space Volumes**

Christian Ibars, CTTC, Spain

**Effective Lub Congestion Control for the HSDPA Performance**

Thushara Weerawardane, University of Bremen, Germany

**Adaptive Resource Allocation Scheme to Provide Low-Cost Multimedia Services via Satellite**

Gabriele Bocolini, University of Pisa, Italy

**A Brief Survey of VoIP QoS over a Multi-RAT Heterogeneous Wireless Network**

Andrea Barbaresi, Telecom Italia, Italy

**Spatial Sharing for QoS Guarantees in Cognitive Radio Scenarios**

Nizar Zorba, CTTC, Spain

16:10 Session 8c System Design & OptimisationChair: [Luis M. Correia, IST - Tech. Univ. Lisbon, Portugal](#)**Guarantying QoS in MANETs using MAC Layer Measurements**

Szymon Szott, AGH University of Science and Technology, Poland

**Configuration of IEEE 802.11e EDCA for Voice and Data traffic: An Experimental Study**

Albert Banchs, Universidad Carlos III de Madrid, Spain

**Functional Description Language**

Craig Dolwin, Toshiba, United Kingdom

**A Low-Complexity Transmit Cooperation Scheme based on Layered Higher Order Modulation**

Stylianou Perissakis, INTRACOM Telecom S.A., Greece

**Positioning Uncertainty when Trilaterating Mobile Targets in 2D using Two References**

Marc Ciurana Adell, Universitat Politècnica de Catalunya, Spain

16:10 Session 8d Ubiquitous ContentChair: [Djamel Zeghlache, Institut National des Telecommunications, France](#)**A Simple Model of Service Dependent Channel Allocation in Mobile Networks**

Koljo Ivanov, Nokia Siemens Networks GmbH &amp; Co. KG, Germany

**Advanced Media Delivery in IMS-based Networks**

Jordi Jaen Pallares, Fraunhofer Institute Fokus, Germany

**A Semantic Device and Service Description Framework for Ubiquitous Environments**

Hamidreza Abangar, University of Surrey, United Kingdom

16:10 Poster Session 8e 4G & BeyondChair: [Werner Mohr, Nokia Siemens Networks GmbH & Co. KG, Germany](#)**Management System for Cognitive Terminals Exploiting Reconfigurable Connectivity**

Dionysis Petromanolakis, University of Piraeus, Greece

**Situated Message Delivery for Opportunistic Networks**

Juhani Latvakoski, VTT, Finland

**Enhanced Wireless Communication Systems Employing Cooperative Diversity**

Atilio Gameiro, University of Aveiro, Portugal

**Capacity Comparison between Alamouti and Cooperative VAA with EF and AF Relays**

Sara Teodoro, University of Aveiro, Portugal

**Network Topology Assisted Handover Analysis for Modelling Cellular/WLAN Integrated Systems**

Guozhi Song, Queen Mary, University of London, United Kingdom

**FP7 E3 Project: Introducing Cognitive Wireless Systems in the B3G World**

Didier Bourse, Motorola, France

**E3 - WP3: Vision and Technical Approach**

Dirk von Hugo, T-Systems Enterprise Services GmbH, Germany

**FP7 E3 WP5 Overview**

Paolo Gorla, Telecom Italia Lab, Italy

**Dynamic Load-Management of Radio Resources**

Paolo Gorla, Telecom Italia, Italy

**A Proof of Concept Architecture for Self-Configuring Autonomic Systems**

Panagis Magdalinos, University of Athens, Greece

**Architecture for End-to-End Efficiency Distilled from Reconfigurability Outcomes**

Klaus Nolte, Alcatel-Lucent, Germany

**Efficient Switch between MIMO Single Link / Multi Link Communication in the Context of VoIP**

Vincent Merat, Motorola, France

**Identification of Market Opportunities for Cognitive Systems**

Pierre Carbonne, IDATE, France

**An Agent-based Prototype Environment for the Efficient QoS Management of Cognitive Heterogeneous Wireless Networks**

Panagiotis Demestichas, University of Piraeus, Greece

**Enhanced Context Acquisition Mechanisms for Achieving Self-Managed Cognitive Wireless Network Segments**

Aggelos Saatsakis, University of Piraeus, Greece

**End-To-End Efficiency Assessment in Autonomic and Cognitive Systems**

Jens Tiemann, Fraunhofer FOKUS, Germany

**A Functional Architecture for Optimized Radio Resource and Spectrum Usage in Heterogeneous Wireless Networks**

Aristi Galani, University of Piraeus Research Center (UPRC), Greece

**Enhancing Multiuser Diversity for OFDMA via Multiple Weighting Vectors in a Reduced Feedback Opportunistic Beamforming Scheme**

Marios Nicolaou, University of Bristol, United Kingdom

**Assessing Personal Networks on a pan-European Testbed**

Ingrid Moerman, IBBT - IBCN - Gent University, Belgium

**WINNER II System Concept: Advanced Radio Technologies for Future Wireless Systems**

Kari Kalliojärvi, Nokia Corporation, Finland

**Management of Mobile Terminals in Multi-homed B3G Network Environments**

Nikolaos Koutsouris, National Technical University of Athens, Greece

**Direct Communication Between Terminals in Infrastructure based Networks**

Isameldin Suliman, University of Oulu, Finland

**The FP7 ROCKET Project: Wireless Access Technology for Homogeneous High Rate Coverage**

Sebastien Simoens, Motorola Labs, France

**Analysis and System-Level Performance Evaluation to Multi-user Joint Mapping Scheme**

Jiayin Zhang, Huawei, China

18:00 Panel Session 9a Energy Efficient CommunicationChair: [Piet Demeester, Ghent University - IBBT, Belgium](#)**ICT: A Big Energy Consumer**

Piet Demeester, IMEC, Belgium

**The Challenge: Energy Efficient Cellular Networks**

Prof. Gerhard P. Fettweis, TU Dresden, Germany

**Energy Saving in Mobile Devices**

Mitti Storckovius, Nokia, Finland

**Saving the Climate @ the Speed of Light. Do We Need More Emissions from ICT to Save the Planet?**

Dennis Pamlin, Joint WWF-ETNO Project, Sweden

**Energy Consumption of Operator Networks**

Andreas Gladisch, T-Systems Enterprise Services GmbH, Germany

19:30

End of Conference Day



Thursday,  
June 12, 2008

The Programme is subject to change without notice at the discretion of the Technical Programme Committee Chair. Please view the Online Programme for the most up-to-date information.

09:00 Plenary 10a **Future Internet Initiatives I - Keynote Presentations**

Chair: **Fiona Williams, Ericsson GmbH, Germany**

**European Research Towards the Future Internet**

Rainer Zimmermann, European Commission, Belgium

**Japanese View on New Generation Networks**

Fumito Kubota, NICT, Japan

**Emerging Wireless Technologies and the Future Internet**

Dipankar Raychaudhuri, WINLAB, Rutgers University, United States

**G-Lab: A Future Generation Internet Research Platform**

Paul Mueller, TU Kaiserslautern, Germany

**The Finnish National Research Programme on Future Internet**

Jukka Manner, Helsinki University of Technology (TKK), Finland

10:30 Coffee Break

Exhibition & Networking

11:00 Panel Session 11a **Future Internet Initiatives 2 - Will it be Possible to Roll-Out a Clean Slate, Revolutionary Future Internet Given Today's Existing Networks and their Likely Evolution?**

Chair: **Daniel Kofman, Insitut Telecom - Telecom ParisTech (ENST), France**

**Panel Participants include:**

Henrik Abramowicz, Project Manager of the 4WARD Integrated Project in FP 7, Ericsson

Vincent Boutroux, France Telecom

Prof. Raychaudhuri, Rutgers University, United States

Prof. Dr. Paul Mueller, TU Kaiserslautern, Germany

Prof. Jukka Manner, University of Helsinki

Dr. Kubota Fumito, NICT, Japan

12:30 Lunch

Exhibition & Networking

13:30 Session 12a **Future Internet Architectures & Technologies**

Chair: **Rahim Tafazolli, CCSR, University of Surrey, United Kingdom**

**Trilogy - Re-architecting the Internet**

Philip Eardley, British Telecom, United Kingdom

**The Way 4WARD Addresses the Creation of a Future Internet**

Norbert Niebert, Ericsson, Germany

**Smooth and Optimal TCP Flow Control for Future Internet**

Jiong Jin, The University of Melbourne, Australia

**RTFM: Publish/Subscribe Internet Working Architecture**

Teemu Rinta-aho, Ericsson, Finland

**Link Layer Security Design for IPv6 over Satellite DVB Networks**

Linghang Fan, University of Surrey, United Kingdom

15:15 Coffee Break

Exhibition & Networking

15:30 Session 13a **Pervasive and Trusted Networks Issues**

Chair: **Amardeo Sarma, NEC Network Laboratories Europe, Germany**

**SWIFT Bridges the Telecom Gap**

Joao Girao, NEC Europe Ltd., Germany

**Privacy-Aware Accounting and Billing**

Vincenzo Falletta, University of Roma Tor Vergata, Italy

**Privacy-Preserving Network Monitoring: Challenges and Solutions**

Giuseppe Bianchi, CNIT - University of Roma Tor Vergata, Italy

**Privacy and Identity Management in a Layered Pervasive Service Platform**

Marc Barisch, University of Stuttgart, Germany

**MPLS Overlays: Design, Implementation and Application to Anonymous Networking**

Simone Teofili, University of Roma Tor Vergata, Italy

17:15 End of Conference

[ 1 0 - 1 1 ] A d v a n c e P

## Registration Information

It is necessary for all **ICT-MobileSummit 2008** delegates to register online. Each delegate should be registered separately.

## Conference Fees

### Authors Fees (Due by 04 April)

- Authors **€550**

Please note that the author fee is only available to accepted presenters in the Programme (**only one presenter per paper/poster**). Each presenter in the Programme should be unique. Co-authors who wish to participate should register as Delegates.

### Delegates' Fees - Early Bird (Due by 04 April)

- Early Bird **€600**

### Delegates' Fees - Full Fee from 05 April

- Delegate Full Price **€700**

### The Conference Fee includes:

- Entrance to all Plenary and Parallel Sessions
- Entrance to Exhibition
- Documentation with Proceedings on CD-Rom
- Three luncheons and refreshments at morning and afternoon breaks
- Welcome Networking Reception - Monday 09 June
- Conference Dinner - Tuesday 10 June
- Cyber Café facilities

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1. All authors who are presenting a paper at **ICT-MobileSummit 2008** must complete their payment registration and ensure payment is received by **04 April** at the latest, prior to publication of the Final Programme.
2. In the case where a paper is jointly authored, the presenter of the paper is considered to be the author/presenter from a payment registration point of view. All co-authors are considered to be delegates.
3. All paper presenters in the Programme should be unique. Additional accepted papers must be reassigned to a presenter not already in the Programme.
4. Accepted Exhibitors (other than accepted presenters) must complete payment registration by **04 April**.
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12. Conference registration or hotel accommodation is not confirmed until full payment is received.

13. Online registration facilities conference registration, participation in pre-conference event, booking of hotel accommodation, attendance at Welcome Networking Reception and Conference Dinner, and booking of social tours. It is possible to go back through online registration at any stage, book items not previously confirmed and make payment.

14. The registration desk will open on Monday 09 May from 14:00 to 17:00 and will remain open during normal conference hours from 08:00 on Wednesday.

## Stockholm

Stockholm is the capital of Sweden. The city centre is quite compact and it is possible to walk to all major sites. Stockholm has more than seventy museums, offering significant choice for different tastes. Delegates should endeavour to visit the Vasa Museum, Skansen Open-air museum and Junibacken in Djurgården, the City Hall and Royal Palace, Gamla Stan (Old Town) and Drottningholm Palace.

Arlanda International airport is located 27 kilometres north of Stockholm.

Delegates can choose to travel to Stockholm via the Arlanda Express (takes 20 mins), by taxi (takes 25 - 50 mins depending on time of day) or public bus.

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During the three days of the Conference, partners will be able to choose from a selection of tours. If your partner would like to attend the Welcome Reception and Conference Dinner, it will be possible to book additional tickets for these evening social events.

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## Exhibition

**ICT-MobileSummit 2008** Exhibition showcases applied ICT research results and applications through technology demonstrations and posters, whether funded commercially, or at a national, regional or European level.

## Posters

Poster Name	Organisation	Country
ICT ALPHA - Architectures for fLexible Photonic Home and Access networks	Acreo AB	Sweden
UNIC: UNiversal home connection for Satellite-delivered Triple-play Services	University of Pisa	Italy
RElay based Wlreless Network and standarD – REWIND	Technological Educational Institution (TEI) of Athens	Greece
eChallenges e-2008 Conference & Exhibition	IIMC Ltd	Ireland

## Demonstration Stands

Stand Name	Organisation	Country
DG Information Society & Media	European Commission	Belgium
eMobility	Ericsson	Germany
E3	Motorola	France
Magnet Beyond	Aalborg University	Denmark
PULSERS Phase II & EUWB	GWT-TUD GmbH	Germany
UNITE - Virtual European Testbed	Institut Eurecom	France
Hydra - Middleware for Networked Devices	Fraunhofer SIT	Germany
FIREWORKS/ROCKET	INTRACOM Telecom S.A.	Greece
MEMBRANE	Intel Corp	Russia
SPICE (Service Platform for Innovative Communication Environment)	France Telecom	France
Converged Messaging	Acision BV	Netherlands
SENSEI	Telefónica I+D	Spain
Continuous IMS voice for Fixed-Mobile Convergent Environment	Telenor R&I	Norway

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