

EUROPECOMM 2009– London August 11-13

The First International ICST Conference on
Communications Infrastructure, Systems and Applications in Europe

Technical Programme

Tuesday 11 August 2009	
08:45-09:45	Registration and Coffee
09:45-10:00	Opening Remarks from Steering Committee
10:00-10:45	Keynote 1 European Union and the Future Internet <i>Dr. Paulo T. de Sousa</i> <i>Head of Sector, Internet of the Future, Directorate-General Information Society, European Commission</i>
10:45-13:00	Session 1: Emerging Infrastructure and Technologies I
	Invited Talk: Why the Internet is so 'small'? <i>Shi Zhou (University College London)</i>
	Reactive Management of Quality of Service in Multimedia OBS Networks Based on GMPLS <i>Antonio Jorge Abelem (Federal University of Para - UFPA), Fernando Farias (Federal University of Para - UFPA), Esteves Rafael (Federal University of Para - UFPA), Waldir Moreira (Institute for Systems and Computer Engineering of Porto), Michael Stanton (Fluminense Federal University - UFF)</i>
	Coffee Break (20 minutes)
	Session 1: Emerging Infrastructure and Technologies I (Contd.)
	Enhancing Java RMI with Asynchrony through Reflection <i>Nadia Erdogan (Turkey), Orhan Akin (Istanbul Technical University)</i>
	SNR Based Digital Estimation of Security in Wireless Sensor Networks <i>Adnan Ashraf (Mehran UET), Abdul Rauf Rajput (Mehran UET)</i>
	Invited Talk: Quantifying the TV White Spaces Spectrum for Cognitive Radio Access <i>Maziar Nekovee (UCL and BT Research, UK)</i>
	Panel: Conclusions from the session I
13:00- 14:00	Lunch

1400- 1445	<p style="text-align: center;">Keynote 2 Building Digital Economy – The Research Councils Programme and the Vision <i>John Hand</i> <i>Head of Research Councils UK Digital Economy Programme</i></p>
14:45- 17:30	<p>Session 2: Emerging Infrastructure and Technologies II</p>
	<p>Invited Talk: MIMO Free-Space Optical Communication Employing Subcarrier Intensity Modulation in Atmospheric Turbulence Channels <i>Prof. Zabih Ghassemlooy (Associate Dean for Research, School of Computing, Engineering and Information Sciences, University of Northumbria, UK)</i></p> <p>RSVP-TE based impairments collection mechanism in DWDM networks <i>Valerio Bellandi (Università degli Studi di Miilano), Marco Anisetti (Università degli Studi di Miilano), Ernesto Damiani (Università degli studi di Milano), Roberto Cassata (Cisco System), Zafar Ali (Cisco System)</i></p>
	<p style="text-align: center;">Coffee Break (40 minutes) Poster Session (Work-in-Progress and Short Papers)</p>
	<p>Session 2: Emerging Infrastructure and Technologies II (Contd.)</p>
	<p>MIMO-OFDM System's Performance Using LDPC Codes for a Mobile Robot <i>Omar Daoud (Jordan), Omar Alani (University of Leeds)</i></p> <p>Hybrid M-QAM with Adaptive Modulation and Selection Combining In MIMO systems <i>Sang-do Lee (Samsung Electronics), Young-chai Ko (Korea University)</i></p> <p>Performance Analysis of a Joint Space-Time Block Codes and Channel Estimation Scheme in DL-PUSC Mode of Mobile WiMAX. <i>Phuong Pham (University of the Ryukyus, Japan), Tomohisa Wada (University of the Ryukyus, Japan)</i></p> <p>Panel: Conclusions from the session II</p>
1730	Closing

Wednesday 12 August 2009

09:00- 09:40	<p>Keynote (ITS): The Changing Transport Datascape - Opportunities and Challenges <i>Prof. John Polak</i> <i>Professor of Transport Demand; Director, Centre for Transport Studies, Imperial College London; Research Director, UK Transport Research Centre</i></p>
09:40- 13:00	<p>Session 3: Intelligent Transportation Systems (ITS)</p> <p>Invited Talk: Intelligent Control of Urban Road Networks: Algorithms, Systems and Communications <i>Prof. Mike Smith, University of York</i></p> <p>Congestion Reduction Using Ad-Hoc Message Dissemination in Vehicular Networks <i>Thomas Hewer (University College London) and Maziar Nekovee (University College London and BT)</i></p> <p style="text-align: center;">Coffee Break (20 minutes)</p> <p>Invited Talk: Intelligent Mobility Systems: Some Socio-Technical Challenges and Opportunities <i>Dr. Monika Buscher (Lancaster University)</i></p> <p>iRide: A Cooperative Sensor and IP Multimedia Subsystem Based Architecture and Application for ITS Road Safety <i>Muslim Elkotob (Lulea University of Technology), Evgeny Osipov (Lulea University of Technology)</i></p> <p>DVB-T/H Portable and Mobile TV Performance in the New Channel Profiles Modes <i>Tomas Kratochvil (Brno University of Technology)</i></p> <p>Localization to Enhance Security and Services in Wi-Fi Networks under Privacy Constraints <i>Gareth Ayres (Swansea University), Rashid Mehmood (Swansea University), Keith Mitchell (Lancaster University), Nicholas Race (Lancaster University)</i></p> <p>A Proportional Fairness with Bandwidth-Borrowing Scheme for a Two-Tier NEMO System <i>Bing-Chi Kuo (National Sun Yat-Sen University), Tsang-Ling Sheu (National Sun Yat-Sen University)</i></p> <p>Panel discussion: ITS – Issues, trends and future</p>

13:00- 14:00	Lunch
14:00- 14:40	<p>Keynote (IHS): Healthcare Information Systems - Requirements and Vision <i>Prof. John G. Williams</i> <i>Professor of Health Services Research, Swansea University, UK;</i> <i>Director of Health Informatics Unit, Royal College of Physicians, UK</i></p>
14:40- 17:30	<p>Session 4: Intelligent Healthcare Systems (IHS)</p> <p>Invited Talk: The impact of information technology on the quality and safety of health care <i>Prof. Azeem Majeed, Professor of Primary Care;</i> <i>Head of the Department of Primary Care & Social Medicine, Imperial College London;</i> <i>Associate Director (Primary Care) for the UK National Diabetes Research Network;</i> <i>Co-Director, NW London Comprehensive Local Research Network</i></p> <p>Invited Talk: e-Labs and Work Objects: Towards Digital Health Economies <i>Prof. Iain Buchan (Professor of Public Health Informatics; Director of the Northwest Institute for Bio-Health Informatics, University of Manchester)</i></p> <p>Mandatory and Location-Aware Access Control for Relational Databases <i>Michael Decker (Universitaet Karlsruhe (TH), Institut AIFB)</i></p> <p style="text-align: center;">Coffee Break (20 minutes)</p> <p>Invited Talk: The Interaction of Production and Consumption in the News Media Social Space <i>Gary Graham (University of Manchester)</i></p> <p>Optimization of TCP/IP over 802.11 Wireless Networks in Home Environment <i>Toni Janevski (Ss. Cyril and Methodius University in Skopje), Ivan Petrov (Macedonian Telecom)</i></p> <p>Analysis of the Contextual Behaviour of Mobile Subscribers <i>Borja Salmeron (Helsinki University of Technology), Hannu Verkasalo (Helsinki University of Technology)</i></p> <p>Panel discussion: Intelligent Healthcare Systems – Issues, trends and future</p>
18:30 -	Bus from Conference Venue for the Gala Dinner