

Monday, May 9th 2011

<p>8:00-9:00 Registration</p> <p>09:00-09:15 Opening Remarks</p> <p>09:15-10:00 Keynote</p> <p>10:00-10:30 Coffee break</p> <p>10:30-13:00 MOWAN Workshop</p> <p>Paper 1: <i>An analysis of smart antenna use for WiMAX vehicular communications</i>, Mihai Constantinescu, Eugen Borcoi (Polytechnic University of Bucharest), Tinku Rasheed (Create-Net) and David Hayes (Plasma Antennas)</p> <p>Paper 2: <i>Analysing energy consumption behaviour of multimode wireless networks</i>, Karina Gomez, Roberto Riggio (Create-Net, Italy)</p> <p>Paper 3: <i>Real-Time traffic capabilities evaluation of a hybrid testbed for WiMAX networks with smart antenna support</i>, Serban Obreja, Eugen Borcoi, Irinel Olariu (Polytechnic University of Bucharest), Alexey Baraev (Create-Net)</p> <p>Paper 4: <i>Joint Routing-scheduling protocol based on cross layer approach for wireless mesh networks</i>, Stefan Wendt (France Telecom)</p> <p>Paper 5: <i>Securing smart-antenna based Wireless Mesh Networks</i>, Shahab Mirzadeh(UNIS)</p> <p>Paper 6: <i>A system level simulator for Multi-mode Wireless Mesh Networks</i>, Alexey Baraev, Tinku Rasheed (Create-Net), Bruno Selva (Thales, France)</p> <p>13:00-14:30 Lunch</p> <p>14:30-15:30 MOBISENSE Keynote</p> <p>15:30-16:00 Coffee break</p> <p>16:00-18:00 NETSTRAT Workshop</p> <p>Paper 1: <i>2G/3G-CONNECT a tool for techno-economical studies on hybrid 2G-3G mobile networks</i>, A. E. Garcia, K. Hackbarth, Laura Rodriguez (University of Cantabria - Santander-Spain) D. Ilich, W. Neu (WIK-Consult, Bad Honnef, Germany)</p> <p>Paper 2: <i>Strategic Methods for Radio Access Design in 2G/3G Networks</i>, J. E. Sánchez-García, A. M. Ahmadzadeh, B. Saavedra-Moreno, S. Salcedo-Sanz, A. Portilla-Figueras (Universidad de Alcalá, Spain)</p> <p>Paper 3: <i>Impact of the HSPA based Mobile Broadband Access on the Investment on the 3G Access Network</i>, J. E. Sánchez-García, A. M. Ahmadzadeh, S. Jiménez-Fernández, S. Salcedo-Sanz, A. Portilla-Figueras (University of Alcalá, Spain)</p> <p>XX?? Social Event</p>	<p>Javier Del Ser (TECNALIA, Spain), Eduard Jorswieck (TU Dresden, Germany) Pedro M. Crespo (CEIT-IK4)</p> <p>REGULAR TRACK</p> <p>Paper 1: <i>Capacity Region of the Two-Way Multi-Antenna Relay Channel with Analog Tx-Rx Beamforming</i>, Cristian Lameiro, Alfredo Nazabal, Fouad Gholam, Javier Via, Ignacio Santamaria (University of Cantabria, Spain)</p> <p>Paper 2: <i>Analytical Foundation for Energy Efficiency Optimisation in Cellular Networks with Elastic Traffic</i>, Zhijiat Chong, Eduard A. Jorswieck (TU Dresden, Germany)</p> <p>Paper 3: <i>A Note on the Wiener Filter for Vector Random Processes</i>, Jesus Gutiérrez-Gutiérrez, Adam Podhorski, Inaki Iglesias, Javier Del Ser (CEIT-IK4, Spain, University of Delaware, USA, TECNALIA RESEARCH & INNOVATION, Spain)</p> <p>Paper 4: <i>Energy Efficient Network Coding-based Cooperative ARQ Scheme for Wireless Networks</i>, Antonopoulos Angelos, Christos Verikoukis (CTTC, Spain)</p> <p>Paper 5: <i>A Real-Time FPGA-based Implementation of a High-Performance MIMO-OFDM Mobile WiMAX Transmitter</i>, Oriol Font-Bach, Nikolaos Bartzoudis, Antonio Pascual-Iserte, David Lopez Bueno (CTTC, Spain, UPC, Spain)</p> <p>TBC</p> <p>REGULAR TRACK</p> <p>Paper 1: <i>Delay modeling for 3G mobile multimedia services QoS estimation</i>, Ianire Taboada, Fidel Liberal, Jose Oscar Fajardo (EHU/UPV, Spain)</p> <p>Paper 2: <i>Route Recovery Algorithm for QoS-aware routing in MANETs</i>, Wilder Castellanos, Pau Arce, Patricia Acelas, Juan C. Guerri (ITEAM, Spain)</p> <p>Paper 3: <i>Cross-Layer Adaptation of H.264/AVC over 3G UMTS Mobile Video Services</i>, Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, Armando Ferro (EHU/UPV, Spain)</p> <p>Paper 4: <i>Concurrent and Distributed Projection through Local Interference for Wireless Sensor Networks</i>, X. Insausti, P. M. Crespo (CEIT-IK4, Spain), B. Beferull (University of Valencia, Spain), J. Del Ser (TECNALIA RESEARCH & INNOVATION, Spain)</p>
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Tuesday, May 10th 2011

<p>08:00-09:00 Registration</p> <p>09:00-10:00 Plenary talk</p> <p>10:00-10:30 Coffee break</p> <p>10:30-13:00 MOBISENSE Workshop</p> <p>Keynote speech: TBC</p> <p>Paper 1: <i>Challenging Wireless Networks, an Underground Experience</i>, D. Palma, J. Goncalves, M. Curado</p> <p>Paper 2: <i>Operational Support of Wireless Mesh Networks Deployed for Extending Network Connectivity</i>, T. Staub, B. Nyffenegger, D. C. Dimitrova, T. Braun</p> <p>Paper 3: <i>A Shared Opportunistic Infrastructure for Long-lived Wireless Sensor Networks</i>, X. Wu, C. J. Sreenan, K. N. Brown</p> <p>Paper 4: <i>Wireless Sensor Networks for a Zero-Energy Home</i>, R. Vankatesha Prasad, V. S. Rao, I. Niemegeers, S. Heemstra de Groot</p> <p>Paper 5: <i>Analysis Methodology for Flow-level Evaluation of a Hybrid Mobile-Sensor Network</i>, D. C. Dimitrova, G. Heijenk, T. Braun</p> <p>13:00-14:30 Lunch</p> <p>14:30-16:00 REGULAR TRACK</p> <p>Paper 1: <i>Mobile-Human Interaction Monitoring System</i>, Iván Pretel, Ana Belén Lago (DeustoTech, Spain)</p> <p>Paper 2: <i>LOSTE - Location Oriented System Technology for the Elder</i>, Diogo Henriques, Vitor Basto-Fernandes, Alexandra Seco, Miguel Felgueiras, António Pereira (Polytechnic Institute of Leiria, Portugal)</p> <p>Paper 3: <i>A System Architecture for Ubiquitous Live Video Streaming in University Network Environment</i>, Mncedisi Jacob Bembe, Angelina Gcina Dlodla, Mohammed-Sani Abdulai, Badamsuren Byambaakhuu (KAIST-ITTP, South Korea)</p> <p>Paper 4: <i>A Distributed Framework for Organizing an Internet of Things</i>, Jamie Walters, Theo Kanter, and Enrico Savioli (Mid Sweden University, Sweden, and University of Bologna, Italy)</p> <p>16:00-16:30 Coffee break</p> <p>16:30-17:20 REGULAR TRACK</p> <p>Paper 1: <i>Design and implementation of a simulation environment for the evaluation of authentication protocols in IEEE 802.11s networks</i>, Ikbel Daly, Faouzi Zarai and Lotfi Kamoun (University of Sfax, Tunisia)</p> <p>Paper 2: <i>Re-authentication Protocol for Vertical Handoff in Heterogeneous Wireless Networks</i>, Ikbel Daly, Faouzi Zarai and Lotfi Kamoun (University of Sfax, Tunisia)</p> <p>17:20-17:30 Closing session</p>	<p>Robert Piché (Tampere University of Technology, Finland)</p> <p>REGULAR TRACK</p> <p>Paper 1: <i>Bluetooth Indoor Positioning System using Fingerprinting</i>, Christian Frost, Kasper Sae Luckow, Casper Svenning Jensen, Bent Thomsen, René Hansen (Aalborg University, Denmark)</p> <p>Paper 2: <i>User Movements Forecasting by Reservoir Computing using Signal Streams produced by Mote-Class Sensors</i>, Claudio Gallicchio, Alessio Micheli, Stefano Chessa, Paolo Barsocchi (University of Pisa and ISTI-CNR, Italy)</p> <p>Paper 3: <i>Bayesian Filtering Methods for Target Tracking in Mixed Indoor/outdoor Environments</i>, Katrin Achutegui, Javier Rodas González, Carlos J. Escudero, Joaquin Miguez (Carlos III University and University of A Coruña, Spain)</p> <p>Paper 4: <i>Social Acceptance and Usage Experiences from a Mobile Location-Aware Service Environment</i>, Bernhard Klein, Jorge P. Christian Guggenmos, Olli Pihlajamaa, Immo Heino, Javier Del Ser (DeustoTech and TECNALIA RESEARCH & INNOVATION, Spain, VTT, Finland)</p>
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