

Hermes Partnership workshop on **Future Networks**
May 18, 19, 2011

About the speakers:



This workshop, chaired by prof **Luis Muñoz** Luis is held under the umbrella of Hermes Partnership and facilitated by University of Cantabria.

Professor Luis Muñoz received both the Telecommunications Engineering degree and Ph.D. from the Polytechnical University of Cataluña (UPC), Spain, in 1990 and 1995, respectively. He is head of the Network Planning and Mobile Communications Laboratory belonging to the Communications Engineering Department (DICOM) at the University of Cantabria, Spain. His research focuses on heterogeneous wireless multihop networks and applied mathematical methods for telecommunications. He

has participated in several National and European research projects belonging to the 4th, 5th, 6th and 7th Framework Program in which he is technical manager of SmartSantander. He has published over 150 journal and conference papers. He serves as editor of several journals. In parallel to this activity, he serves as consultant for the Spanish Government as well as for different companies in Europe and USA.



Jesus Bernat Vercher did his Master degree in Computer Science from the Valencia Polytechnic University in 1995. During the period 1994-1998, worked in the Speech recognition department, researching about natural language recognisers and the post-process of these recognisers to obtain semantic information from the user's utterance. In 1998, he started working in Dragon Systems, Inc. in Newton, Massachusetts (USA) as International Software Engineer, working in the design and development of the speech recognition products in Spanish, French, German, Italian, Dutch and Japanese. He also made different conferences about the products worldwide.

In September 2000, he started working in Telefónica I+D (Research & Development), in the Speech Recognition Group, as the responsible of the Natural Language speech recognizer its evolution and innovation. From year 2004 he has been working in new advanced platforms concepts to develop telephony services, specializing in sensor networks and context-aware platforms, where he has been the technical responsible of the new Telefonica developments in the field. He has participated in several European Projects like the FP7 SENSEI and is currently working in the IoT-A and SmartSantander FP-7 projects. He is the Telefonica delegate in the ETSI TC M2M standardization group and coordinates the research and standardization activities in the M2M and Internet of Things fields. He has been member of several Technical Program Committees like CAPS or EuroSSC, author of several publications and invited speaker in various events talking about M2M, IoT and Green IT.



Jasper Goseling is a postdoctoral researcher in the Stochastic Operations Research Group at the University of Twente, The Netherlands. He obtained his Ph.D. degree from Delft University of Technology, The Netherlands, in 2010. His research interests include communication networks and queueing theory, with a current focus on network coding for wireless networks.



Josep Paradells Aspas is head of the Ubiquitous Internet Technologies Units a joint research group between the Universitat Politecnica de Catalunya and the i2CAT Foundation.



Prof. dr. ir. Ignas G. M. M. Niemegeers, got a degree in Electrical Engineering from the University of Gent, Belgium, in 1970. In 1972 he received a M.Sc.E. degree in Computer Engineering and in 1978 a Ph.D. degree from Purdue University in West Lafayette, Indiana, USA. From 1978 to 1981 he was a designer of packet switching networks at Bell Telephone Mfg. Cy, Antwerp, Belgium. From 1981 to 2002 he was a professor at the Computer Science and the Electrical Engineering Faculties of the University of Twente, Enschede, The Netherlands. From 1995 to 2001 he was Scientific Director of the Centre for Telematics and Information Technology (CTIT) of the University of Twente, a multi-disciplinary research institute on ICT and applications.

Since May 2002 he holds the chair Wireless and Mobile Communications at Delft University of Technology, where he is heading the Centre for Wireless and Personal Communication (CWPC) and the Telecommunications Department. He was involved in many European research projects, e.g., the EU projects MAGNET and MAGNET Beyond on personal networks, EUROPCOM on UWB emergency networks and, eSENSE and CRUISE on sensor networks. He is a member of the Expert group of the European technology platform eMobility and IFIP TC-6 on Networking. He is also chairman of the HERMES Partnership, an organization of leading European research institutes and universities in telecommunications. His present research interests are 4G wireless infrastructures, future home networks, ad-hoc networks, personal networks, cognitive networks.



Dr. Opher Yaron received his Masters degree in Mathematics from the Hebrew University, Jerusalem, Israel in 1987; and the Doctor of Science degree in Electrical Engineering from the Technion – Israel Institute of Technology, Haifa, Israel in 1994. He joined Ghent University in 2010, as a postdoctoral researcher within IBCN – the research group focusing on broadband communication networks (www.ibcn.intec.ugent.be), which is also part of IBBT – the Interdisciplinary institute for BroadBand Technology (<http://www.ibbt.be/en>).

Prior to joining Ghent University, he worked for 20 years in the high tech industry. He held various technical, managerial and leadership positions, including at the Vice President level, for established and start-up companies in the areas of data communications, Voice over IP (VoIP), advanced WLAN technologies and software systems for mobile value added services. His research interests include performance and QoS in broadband communication networks; cognitive, self-organizing and self-optimizing networks; network architectures and protocols for heterogeneous mobile and wireless networks. He also holds 8 U.S. patents.



Dimitri Kténas received the Dipl.-Ing. degree in Electrical Engineering from the Ecole Nationale Supérieure d'Electronique et de Radioélectricité (ENSERG), Grenoble, in 2001. From that time, he has been working as a research engineer at CEA-LETI where he firstly worked on algorithmic and architecture studies for the PHY layer of MC-CDMA and OFDMA systems. In 2006 he became Broadband and Cellular Network project manager at CEA-LETI. Since 2010 he is Digital Communications R&D team leader within the Wireless and Security Labs at CEA-LETI. His main current research interests are cross-layer optimization, resource allocation for OFDMA-based cellular networks and cooperative relaying. He has been involved in several European projects (MATRICE, 4MORE, WISQUAS, UNITE, ARTIST4G) and was the coordinator of the French OPUS project.