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Network of Excellence

NEWCOM#

Network of Excellence in Wireless Communications#

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WP3.1 – NEWCOM# conferences, workshops and special sessions

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Executive Summary

During the reporting period (Sep-Oct 2015), the third and final NEWCOM# annual conference was successfully held in Barcelona (Spain), in collaboration with COST Action IC1004. The NEWCOM# annual conference, which gathered more than 90 participants (around 55% from NEWCOM# and 50 % from COST IC1004) consisted of two NEWCOM# technical sessions covering Tracks 1 and 2, one exhibition (with 17 posters and 6 demonstrations), two invited plenary talks, one SME event (including a panel of five academic entrepreneurs), two NEWCOM# showcase technical sessions (8 papers) and two joint workshop sessions with IC1004 (10 papers). In parallel, six COST IC1004 technical sessions were held.

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List of Acronyms

JNCW Joint NEWCOM/COST Workshop on Wireless Communications

1. Introduction

The main objectives of work-package WP3.1 the final period of the NoE (M35-M36) were as follows:

1. To organize an annual NEWCOM# conference with peer review and proceedings.
2. To interface with other EC projects and events and exploit possible synergies with EuCNC and concertation events, etc.
3. To promote the involvement of NEWCOM# in the organization of major, already existing international conferences and workshops.
4. To organize special sessions within the framework of NEWCOM# during major international conferences on the subject of wireless communications and related issues.

Items 2 to 4 were already covered in deliverable D31.2 due in M33. Hence, in this deliverable we focus on the third NEWCOM# event organized in collaboration with COST IC1004, whose full program and proceedings can be found on NEWCOM# website [1].

The reasons for organizing the NEWCOM# final event together with COST IC1004 were:

- First of all, COST IC1004 was concluded in May 2015, so that both projects are now finished. The context of COST IC1004 was on green cooperative communications, with a strong focus on radio channel characterization and modelling. In this sense, having both NEWCOM# and COST IC1004 communities joining the same event made perfect sense, both actions being quite complementary in their respective strengths (it must be noted that this was not the first joint event with COST IC1004 (a joint training school was already organized in Barcelona).
- Secondly, both projects are now in the phase of discussing their future: in this respect, the joint workshop was a good opportunity to discuss possible joint activities: the setup of joint COST action proposal, the participation in EURACON, etc.

2. NEWCOM# Final Conference

2.1 Overview

The NEWCOM# Final Conference, also known as the Joint NEWCOM/COST Workshop on Wireless Communications (JNCW 2015), was held in Barcelona, Spain, on October 14-15, 2015, in conjunction with former COST IC1004 (Cooperative Radio Communications for Green Smart Environments). This workshop gave NEWCOM# and COST IC1004 communities the opportunity to disseminate their research results, after 3-4 years of activity within the framework of the European FP7 research program. Participation and paper submission was open to anyone, member or not of these Actions.

Wed Oct 14, 2015		
		Room
8:00	*Registration desk opens*	*Lobby*
09:00-10:30	Opening Plenary	Utrillo
10:30-11:00	Coffee break	
11:00-13:00	Posters & Demos	Lobby
13:00-14:00	Lunch break	
14.00-16.00	Keynote Speeches	Utrillo
16:00-16:30	Coffee break	
16:30-18:00	SME event	Utrillo
20:30-22:30	Banquet (incl. NEWCOM# Y3 awards)	

Thu Oct 15, 2015						
	N# & Joint Workshop	**Room**	**TD Track A**	**Room**	**TD Track B**	**Room**
09:00-10:45	N#.1: Track 1	Utrillo	TD.A1: OTA	Salon 7	TD.B1: RAN + IoT	Salon 1
10:45-11:15	Coffee break					
11:15-13:00	N#.2: Track 2	Utrillo	TD.A2: Channel Modelling	Salon 7	TD.B2: PHY + RAN	Salon 1
13:00-14:00	Lunch break					
14.00-15.45	JW.1: PHY, MAC & Radio Channel	Utrillo	TD.A3: mmWave	Salon 7		
15:45-16:15	Coffee break					
16:15-18:00	JW.2: Network Aspects	Utrillo	TD.A4: Vehicular	Salon 7		

Table 1 JNCW 2015 schedule at a glance

As summarized in Table 1, it included **Errore. L'origine riferimento non è stata trovata.**:

- One opening plenary,
- Two invited talks,
- Two technical sessions covering Tracks 1 and 2 (8 papers),
- One poster and demo session (17 posters and 5 demonstration booths),
- One SME event (5 panellists), which also streamed live,

- Two joint technical workshop sessions (10 papers).

The full conference proceedings including all presented material can be found on NEWCOM# website **Errore. L'origine riferimento non è stata trovata.**. Note that this solution was chosen over a CD-ROM, as it enables a better dissemination both inside and outside the network.

The opening plenary also included two talks about the future of NEWCOM#:

- One talk by Prof. N. Cardona, chair of COST IC 1004 (which was concluded in May 2015), where he presented the joint submission of a new COST Action by researchers from both NEWCOM# and COST IC1004,
- One talk by Prof. R. Verdone, about the European Association on Communications and Networking (EURACON).

2.2 Detailed program

2.2.1 Invited keynote speakers

2.2.1.1 5G and beyond: What lies ahead for wireless system design, Prof. Andrea Goldsmith, Stanford University, CA (USA)

Abstract: Wireless technology has enormous potential to change the way we live, work, and play. Future wireless networks will support Gigabit per second multimedia communication between people, devices, and the "Internet of Things" with high reliability and uniform coverage indoors and out. Software will create a virtual wireless network cloud, enabling resource management, seamless connectivity, and roaming across heterogeneous access networks. The shortage of spectrum will be alleviated by advances in massive MIMO and mmW technology as well as cognitive radios, and breakthrough energy-efficiency algorithms and hardware will be employed to make wireless systems "green". There are many technical challenges that must be overcome in order to make this vision a reality. This talk will describe the challenges of "5G and beyond" wireless system design, along with recent technology innovations that address some of these challenges.

Speaker Biography: Andrea Goldsmith is the Stephen Harris professor in the School of Engineering and a professor of Electrical Engineering at Stanford University. She was previously on the faculty of Electrical Engineering at Caltech. Dr. Goldsmith co-founded and served as CTO for two wireless companies: Wildfire.Exchange, which develops software-defined wireless network technology for cloud-based management of WiFi access points, and Quantenna Communications, Inc., which develops high-performance WiFi chipsets. She has previously held industry positions at Maxim Technologies, Memorylink Corporation, and AT&T Bell Laboratories. She is a Fellow of the IEEE and of Stanford, and has received several awards for her work, including the IEEE ComSoc Edwin H. Armstrong Achievement Award as well as Technical Achievement Awards in Communications Theory and in Wireless Communications, the National Academy of Engineering Gilbreth Lecture Award, the IEEE ComSoc and Information Theory Society Joint Paper Award, the IEEE ComSoc Best Tutorial Paper Award, the Alfred P. Sloan Fellowship, and the Silicon Valley/San Jose Business Journal's Women of Influence Award. She is

author of the book ``Wireless Communications'' and co-author of the books ``MIMO Wireless Communications'' and “Principles of Cognitive Radio,” all published by Cambridge University Press, as well as an inventor on 28 patents. She received the B.S., M.S. and Ph.D. degrees in Electrical Engineering from U.C. Berkeley. Dr. Goldsmith has served as editor for the IEEE Transactions on Information Theory, the Journal on Foundations and Trends in Communications and Information Theory and in Networks, the IEEE Transactions on Communications, and the IEEE Wireless Communications Magazine as well as on the Steering Committee for the IEEE Transactions on Wireless Communications. She participates actively in committees and conference organization for the IEEE Information Theory and Communications Societies and has served on the Board of Governors for both societies. She has also been a Distinguished Lecturer for both societies, served as President of the IEEE Information Theory Society in 2009, founded and chaired the Student Committee of the IEEE Information Theory Society, and chaired the Emerging Technology Committee of the IEEE Communications Society. At Stanford she received the inaugural University Postdoc Mentoring Award, served as Chair of Stanford’s Faculty Senate in 2009, and currently serves on its Faculty Senate, Budget Group, and Task Force on Women and Leadership.

2.2.1.2 Device-centric wireless networks, Prof. Javier Gozálvez, Universidad Miguel Hernández de Elche (Spain)

Abstract: Future cellular and wireless networks should be able to handle significant growth in data usage, and efficiently support very large numbers of connected devices with different requirements and characteristics, including IoT devices and connected vehicles. To address these challenges, 5G networks will rely on a variety of advancements at the network, access and physical levels. Device-centric wireless technologies (Device to Device - D2D - communications and Multi-Hop Cellular Networks - MCN) are also expected to be a fundamental component of future wireless networks. Device-centric wireless networks will transform mobile devices into prosumers of wireless connectivity in an underlay network that if efficiently coordinated with the cellular network has the potential for significant capacity and energy-efficiency benefits, as well as lower EMF exposure levels, and higher and more homogeneous QoS and QoE levels. This talk will discuss the opportunities and challenges behind device-centric wireless technologies, and illustrate their potential to improve energy efficiency, quality of service and capacity compared to base station-centric cellular communications. Particular attention will be paid to the potential of multi-hop cellular networks, and the opportunities that the integration of opportunistic networking and device-centric wireless networks offer to achieve the 5G goals. The talk will also discuss the potential for device-centric wireless technologies to play a relevant role in connected vehicles by helping overcome some of the challenges (e.g. reliability and scalability) that vehicular IEEE802.11p/ITSG5 technologies face.

Speaker Biography: Javier Gozalvez received an electronics engineering degree from the French Engineering School ENSEIRB (Bordeaux, France), and a PhD in mobile communications from the University of Strathclyde, Glasgow, U.K. Since October 2002, he is with the Universidad Miguel Hernández de Elche (UMH), Spain, where he is currently an Associate Professor and served as Deputy Vice-Rector for International Relations (2011-2015). He is the Director of the UWICORE laboratory at UMH where he leads research activities in the areas of vehicular networks, device-centric wireless networks, heterogeneous wireless networks, and wireless industrial communications. He received the best research paper award from the Journal of Network

and Computer Applications, the young researcher award from UMH, as well as several paper awards at international and national conferences. He is an elected member to the Board of Governors (2011-2017) of the IEEE Vehicular Technology Society, and has been elected President of the IEEE Vehicular Technology Society for 2016. He is a Distinguished Speaker for the IEEE Vehicular Technology Society, and previously served as Distinguished Lecturer (2011-2015). He is also the Chair for the IEEE Connected Vehicles Initiative funded by VTS. He currently serves as Mobile Radio Senior Editor of IEEE Vehicular Technology Magazine and on the Editorial Board of the Computer Networks journal. He was previously Associate Editor of the IEEE Communications Letters. He was the General Co-Chair for the IEEE VTC-Spring 2015 conference in Glasgow (UK), and General Co-Chair of the ACM VANET 2013, ACM VANET 2012, URSI's national conference in 2012, and 3rd ISWCS 2006. He also was TPC Co-Chair for 2011 IEEE VTC-Fall and 2009 IEEE VTC-Spring. He was the founder and General Co-Chair of the IEEE International Symposium on Wireless Vehicular communications (WiVeC) in its 2007, 2008, and 2010 editions.

2.2.2 Poster Session

Chair: Carles Antón-Haro (CTTC)

1. 'Distributed Information-Theoretic Biclustering of Two Memory Sources', Georg Pichler, Pablo Piantanida, Gerald Matz.
2. 'Accuracy of RSS-based Ranging in a Real Indoor Environment', J. Manuel Castro-Arvizu, Ana Moragrega, Pau Closas, Juan A. Fernández-Rubio.
3. 'A distributed ADMM Scheme for the Reconstruction of Jointly Sparse Signals with Sensor Networks', Javier Matamoros, Sophie M. Fosson, Enrico Magli, and Carles Antón-Haro.
4. 'Secure Communication with Noisy Feedback', Germán Bassi, Pablo Piantanida and Shlomo Shamai (Shitz).
5. 'Scheduling M2M traffic over LTE Uplink of a dense Small Cells Network', M. Danilo Abrignami, Lorenza Giupponi, Andrea Lodi, Roberto Verdone.
6. 'Base Station Switch On/Off Strategies for Wireless Networks Powered with Energy Harvesting Sources', Javier Rubio, Antonio Pascual-Iserte, Josep Vidal.
7. 'PAPR analysis in non-contiguous OFDM systems', Paweł Kryszkiewicz, Adrian Kliks, Yves Louet.
8. 'On the Convexification of Mixed ILP for DNA Network Optimization', Inosha Sugathapala, Le-Nam Tran, Muhammad-Fainan Hanif, Beatriz Lorenzo, Savo Glisic, Marku Juntti.
9. 'Experimental Analysis of 5G Candidate Waveforms and their Coexistence with 4G Systems', Florian Kaltenberger, Raymond Knopp, Carmine Vitiello, Martin Danneberg, Andreas Festag.
10. 'Experimental performance evaluation of a 5G spectrum sharing scenario based on field-measured channels', Oriol Font-Bach, Nikolaos Bartzoudis, David López, Evgenii Vinogradov, Miquel Payaró, Clau.
11. 'Experimental Analysis of Distributed Outlier Detection Techniques for Wireless Sensor Network', Wenjie Li, Francesca Bassi, Davide Dardari, Michel Kieffer, and Gianni Pasolini.

12. 'Some Are Born With White Space, Some Achieve White Space (Aggregation!), and Some Have White Space Thrust Upon Them', Oliver Holland.
13. 'Spatially-Coupled LDPC Codes for Transmission over Nonergodic Channels: Recent Advances', N. ul Hassan, I. Andriyanova, M. Lentmaier and G. Fettweis.
14. 'Massive MIMO Inspired 2-Stage Design of the Multi-Cell Multi-User MIMO Downlink', Wassim Tabikh, Dirk Slock and Yi-Yuan-Wu.
15. 'Goodput-based Resource Allocation and DF Relay Selection for Dual-Hop Transmissions with Packet-oriented Cognitive BIC-OFDM Systems', Paolo Del Fiorentino, Jeroen Van Hecke, Vincenzo Lottici, Filippo Giannetti and Marc Moeneclaey.
16. 'Cooperative Localization of Mobile Networks: A Hybrid Belief Propagation - Mean Field Message Passing Algorithm', Burak Cakmak, Daniel N. Urup, Florian Meyer, Troels Pedersen, Bernard H. Fleury, and Franz Hlawatsch.
17. On Two Terminal Interactive Source Coding for Function Computation with Remote Sources, A. Zaidi.

2.2.3 Demo Session

Chair: Carles Antón-Haro (CTTC)

1- GNSS-SDR: a software-defined, satellite-based navigation receiver (CTTC, Spain).
2- Spectrum sharing scenario via 5G (candidate) waveforms (CTTC, Spain).
3- OpenAirInterface: the EuWIn laboratory at EURECOM (EURECOM, France).
4- EuWIn@UniBO: Network Architectures for the IoT (CNIT/UNIBO, Italy).
5- Non-classic Interference Alignment for Downlink Cellular Networks (U. Lyon, INRIA, INSA-Lyon, France).
6- SIMONE System Simulation Framework (TU Braunschweig, Germany)

2.2.4 SME panel: When Research meets Business: Planning the Transition

Chair: Andreas Polydoros (IASA)

This panel discussion focused on SMEs, start-ups, and their interaction/collaboration with academia. Discussions revolved around what it takes to build a successful tech company, conduct joint research activities involving academia and SMEs, lessons learnt, success stories and much more. All this from senior researchers, industry experts, and high-profile entrepreneurs belonging to NEWCOM# and its broader community:

- Andreas Polydoros (Chair), Professor, University of Athens (Greece), Co-Founder of TrellisWare Technologies, San Diego, CA (USA).
- Andrea Goldsmith: Professor, Stanford University, CA (USA), Co-founder of Quantenna Communications and Wildfire Exchange, CA (USA).
- Marc Almendros: CEO, Signadyne (Spain).
- Yves Lostanlen: CEO, Siradel (Canada), Adjunct Professor, U. of Toronto (Canada).
- Oscar Carrasco: CTO, Sistelbanda (Spain)

2.2.5 NEWCOM# track 1 technical session

Chair: Pierre Duhamel

1. 'NEWCOM# Track 1: Overview of main project results and success stories', Pierre Duhamel.
2. 'On the Convexification of Mixed ILP for Dynamic Network Architecture Optimization', Savo Glisic (invited presentation).
3. 'The Role of Interference Decoding and Multiple Description Coding on Interference and Broadcast Channels', Pablo Piantanida (invited presentation).
4. 'Radio resource allocation algorithms in cognitive radio networks with outdated CSI',Filippo Gianetti (invited presentation).

2.2.6 NEWCOM# track 2 technical session

Chair: Roberto Verdone

1. 'EUWIN - NEWCOM# Track 2: Overview of main project results and success stories', Roberto Verdone.
2. 'Experimental performance comparison between OFDM and FBMC for secondary broadband PPDR applications in a PMR system', Miquel Payaro (Invited presentation).
3. 'Design and experimental validation of crowd sensing algorithms', Davide Dardari (Invited presentation).
4. 'Processing Radio Access Network Functions in the Cloud: Critical Issues and Modeling', Florian Kalternberger (Invited presentation).

2.2.7 NEWCOM#- COST IC1004 Joint Workshop

2.2.7.1 JW.1: PHY, MAC and Radio Channel aspects

Chair: Erdal Arikan

1. 'Reduction of Out-Of-Band emission in an SDR-based multicarrier transmitter', Paweł Kryszkiewicz, Adrian Kliks, Hanna Bogucka
2. 'Fast and accurate electric field estimation from a single ray tracing simulation', Juan Pascual-García, José-María Molina-Garcia-Pardo, María-Teresa Martínez-Inglés, José-Víctor Rodríguez and Leandro Juan-Llácer.
3. 'The network-aware, non-orthogonal physical layer for 5G', Alister Burr.
4. 'Semi-Orthogonal MARC with half duplex relaying: A Backward Compatible Cooperative Network', Thang X Vu, Mohieddine El Soussi, Hong Nhat Nguyen, Pierre Duhamel, Florence Alberge, Luc Vandendorpe.
5. 'A High-Throughput Energy-Efficient Implementation of Successive Cancellation Decoder for Polar Codes', Onur Dizdar and Erdal Arikan

2.2.7.2 JW.2: Network aspects

Chair: Luis M. Correia

1. 'Deployment of Indoor LTE Small Cells in TV White Spaces', A. F. Abdelkader, J.Perez-Romero, A. Umbert, F. Casadevall, A. Kliks, P. Kryszkiewicz.
2. 'DVB-T channels measurements for the deployment of outdoor REM databases', Paweł Kryszkiewicz, Adrian Kliks, and Krzysztof Cichoń, Anna Umbert, Jordi Perez-Romero, Ferran Casadevall.
3. 'Secure Spectrum Trading in Multi-hop Cognitive Cellular Networks', B. Lorenzo, I. Kovacevic, F. J. Gonzalez-Castano, J. C. Burguillo.
4. 'Resource Allocation in Multi-tenant SDNs', Salvatore D'Oro, Laura Galluccio, Panayotis Mertikopoulos, Giacomo Morabito and Sergio Palazzo.
5. 'Experimental Characterization of Information Diffusion Algorithms for Confidence Region Evaluation over Wireless Sensor Networks', Alex Calisti, Davide Dardari, Gianni Pasolini, Michel Kieffer and Francesca Bassi.

3. Conclusions

This deliverable reports about the activities conducted by WP 3.1 during the reporting period. The third and final NEWCOM# annual conference was successfully held in Barcelona (Spain) in collaboration with COST IC1004.

This workshop [1] was a real opportunity for NEWCOM# researchers to showcase their results, in terms of technical sessions, posters, demos and SME dissemination: the workshop gathered more than 90 participants (around 55% from NEWCOM# and 50 % from COST IC1004, including leading telecommunication industries such as Huawei, Samsung, Telenor, ...).

The two-day workshop consisted of two NEWCOM# technical sessions covering Tracks 1 and 2, one exhibition (with 17 posters and 6 demonstrations), two invited plenary talks, one SME event (including a panel of five academic entrepreneurs), two NEWCOM# showcase technical sessions (8 papers) and two joint workshop sessions with IC1004 (10 papers).

In this reporting period, all objectives have been successfully met, using an estimated manpower of 6 man-months.

4. References

[1] http://www.newcom-project.eu/index.php?option=com_content&view=article&id=169&Itemid=220

5. Annex 1: List of JWCN 2015 attendees

Title	First name	Last name	Affiliation
Dr.	Slawomir	Ambroziak	Gdansk University of Technology
Prof.	Davide	Dardari	DEI - University of Bologna
Dr.	Beatriz	Lorenzo	University of Vigo
Eng.	Melchiorre Danilo	Abrignani	Cnit@Unibo - DEI
Prof.	Andreas	Polydoros	University of Athens
Dr.	Ioannis	Dagres	IASA
Mr.	Pierre	Duhamel	CNRS/CentraleSupelec
Prof.	Erik	Ström	Chalmers Univ. of Technology
Eng.	Salvatore	D'Oro	CNIT (Research Unit Catania)
Dr.	Jose-Maria	Pardo	UPCT
Eng.	Colian	Giannini	CNIT\UniBo-Dei
Prof.	Alister	Burr	University of York
Dr.	Thomas	Zemen	AIT Austrian Institute of Technology
Prof.	Sergio	Palazzo	CNIT\UniCT
Prof.	Davy	Gaillot	Lille 1 University
Mr.	Paweł	Kryszkiewicz	Poznan University of Technology
Mr.	Shiqi	Cheng	Lille 1 University
Prof.	Hanna	Bogucka	Poznan University of Technology
Eng.	Chiara	Buratti	CNIT\UniBo-Dei
Prof.	Claude	Oestges	ICTEAM UCLouvain
Mr.	Sören	Hahn	Technische Universität Braunschweig
Mr.	Javier	Rubio Lopez	Universitat Politecnica de Catalunya
Prof.	Roberto	Verdone	CNIT/ UniBO-Dei
Ms.	Elisa	Farruggia	Accompanying Person
Prof.	Erdal	Arikan	Bilkent University
Prof.	Filippo	Giannetti	CNIT
Mr.	Sebastian	Scholz	University of Stuttgart
Dr.	Anna	Umbert	Universitat Politècnica de Catalunya (UPC)
Prof.	Luis M	Correia	INOV-INESC
Mr.	Georg	Pichler	Technische Universität Wien
Mr.	Kristian	Ulshöfer	University of Stuttgart - Institute of Communication Networks and Computer Engineering
Mr.	Alex	Calisti	University of Bologna

Dr.	Wim	Kotterman	Technische Universitaet Ilmenau
Eng.	Diego	Dupleich	TU Ilmenau
Prof.	Florian	Kaltenberger	EURECOM
Prof.	Reiner	Thomä	TU Ilmenau
Dr.	Oliver	Holland	King's College London
Dr.	Montse	Nájar	Universitat Politècnica de Catalunya
Prof.	Pablo	Piantanida	CentraleSupelec
Mr.	Dennis	Rose	Technische Universität Braunschweig
Dr.	Gerhard	Steinboeck	Aalborg University
Mr.	Wenjie	Li	Laboratoire des Signaux et Systèmes
Prof.	Narcis	Cardona	iTEAM- UPV
Mr.	Sergio	Fortes	Universidad de Málaga, Andalucía Tech, Departamento de Ingeniería de Comunicaciones
Dr.	Mohieddine	El Soussi	UCL
Mr.	Pekka	Kyösti	Anite
Dr.	Kimmo	Kansanen	Norwegian University of Science and Technology
Mr.	Emil	Buskgaard	Aalborg University
Dr.	Alexandru	Tatomirescu	Aalborg University
Dr.	Guillaume	Villemaud	CITI Lab.
Dr.	Rodolfo	Oliveira	UNINOVA
Mr.	Burak	Cakmak	Aalborg University
Mr.	Per H.	Lehne	Telenor Research
Mr.	Jean-Pierre	Barbot	CNRS
Dr.	David	Pérez Díaz de Cerio	Universitat Politècnica de Catalunya
Mr.	Bei	Zhang	Beijing Jiaotong University
Dr.	Iryna	Andriyanova	ETIS Lab, ENSEA/UCP/CNRS
Dr.	Ghassan	Dahman	Lund University
Mr.	Christopher	Schirmer	Technische Universität Ilmenau
Dr.	Yasser	Fadlallah	INRIA
Dr.	Silvia	Ruiz Boqué	UPC
Prof.	Gerald	Matz	Vienna University of Technology
Dr.	Gianni	Pasolini	CNIT at University of Bologna
Dr.	Onur	Sahin	InterDigital Europe
Dr.	Miquel	Payaró	CTTC

Dr.	Oriol	Font-Bach	CTTC
Dr.	Nikolaos	Bartzoudis	CTTC
Prof.	Dirk	Slock	EURECOM
Prof.	Carles	Anton-Haro	CTTC - local organizer
Ms.	Lucia	Vitiello	CNIT/UniBO - EA Euracon
Mr.	Guillermo	Rodriguez	CTTC
Mr.	Juan Manuel	Castro	CTTC
Mr.	Miguel	Calvo	CTTC
Ms.	Lorenza	Giupponi	Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)
Ms.	Xiang	Gao	Lund University
Mr.	Angelos	Goulianos	University of Bristol
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Dr.	Carles	Fernandez	CTTC
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Prof.	Savo	Glisic	Oulu
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Dr.	Yves	Lostanlen	SIRADEL
Prof.	Andrea	Goldsmith	Stanford University
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