

**NetWorld2020-Experts Workshop**  
**Room EUROPA, 1<sup>st</sup> Floor, Palazzo della Cultura e dei Congressi,**  
**Bologna, Italy**  
**23<sup>rd</sup> June 2014**

**10:00-10:05**

**Welcome**

Roberto Verdone, RadioNetworks, DEI, Università di Bologna

**10:05-10:15**

**Workshop Objectives**

Rahim Tafazolli, University of Surrey

**10:15-10:35**

**Update on EC 5GPPP**

Werner Mohr, NSN

<b>Session One, Chair: Dirk Trossen</b>
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**10:35-10:50**

**Update on "5G Requirements" White Paper**

Dirk Trossen, InterDigital

**10:50-11:05**

**Energy efficiency as a horizontal theme in 5G - The need for coordination and support**

Franco Davoli, University of Genoa

**11:05-11:20**

**Is this really about being (10 x everything) and a bit more flexible?**

Adam Wolisz, TU Berlin

**11:20-11:35**

**Quality of Experience in 5G and medical applications**

Maria G. Martini, Kingston University

**11:35-11:55**

**Role of SatCom in 5G on behalf of the SatCom Working Group**

Nicolas Chuberre, Thales Alenia Space

**11:55-12:10**

**Experimental facilities for use by 5GPPP projects**

Miguel Egido Cortés, Gowex

**12:10-12:25**

**XIFI pan-European infrastructure (a federation)**

Federico Alvarez, UPM

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**12:25-12:40**

**5G testbed - 5G creativity: flexible radios in flexible networking configurations**

Sofie Pollin, KU Leuven

**12:40-12:55**

**5G Vision**

Werner Mohr, NSN

**12:55-13:30 Lunch Break**

**Session Two; Chair: Arturo Azcorra**

**13:30-13:45**

**Update on “Software Architectures and Service Virtualization” White Paper**

Arturo Azcorra, IMEDIA,

**13:45-14:00**

**On the Advanced 5G Infrastructure for Full Immersive Experience and Anything as a Service**

David Soldani, Huawei Europe

**14:00-14:15**

**Integrated System of Communication, Localization and Sensing for Innovative Services**

Enrico Del Re, Università di Firenze

**14:15-14:30**

**Dresden 5G Vision**

Steffen Watzek, TUD

**14:30-14:45**

**Internet of Humans and 5G: Preliminary Results**

Roberto Verdone, RadioNetworks, DEI, Università di Bologna

**Session Three, Chair: Daniel Corujo**

**14:45-15:00**

**Update on “Networking and Mobility” White Paper**

Daniel Corujo, University of Aveiro,

**15:00-15:15**

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**Mobile mesh networking for enhanced service reliability**

Andreas Polydoros, University of Athens,

**15:15-15:30**

**Moving beyond edge caching towards a unified orchestration framework**

Dirk Trossen, InterDigital

**15:30-15:45**

**Name-to-name architectures and mechanisms for 5G networks**

Stefano Salsano, University Roma

**15.45-16.00 Coffee Break**

**16:00-16:15**

**Security and Resilience for 5G to support critical communications**

David Lund, HW Communications Ltd

**16:15-16:30**

**Experimental facilities and our know-how on QoS evaluation in both mobile and fixed networks**

Paolo Grazioso, Fondazione Ugo Bordoni (FUB)

**16:30-16:45**

**Testbeds for beyond LTE networks**

César-Augusto García Pérez, Pedro Merino Gomez, University of Malaga

<b>Session Four, Chair: Emilio Calvanese Strinati</b>
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**16:45-17:00**

**Update on “High frequencies and wireless” White Paper**

Emilio Calvanese, LETI

**17:00-17:15**

**Spectrum Sharing using Spectrum Micro-trading**

Pål Grønsund, Telenor

**17:15-17:30**

**BME envisaged experimental facility for outdoor mm-wave mesh network aimed at propagation studies**

János Bitó , Budapest University of Technology and Economics (BME)

**17:30-17:45**

**A research perspective on 5G access networks: issues, methodologies and ways forward**

Andrea Zanella, University of Padova

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**17:45-18:00**

**Radio measurements for 5 G networks covering both open issues and available/needed equipment**

Sana Salous, Durham University

**18:00-18:15**

**Cognitive Radio for SatCom: the CoRaSat approach**

Alessandro Vanelli-Coralli , University of Bologna

<b>Session Five, Rahim Tafazolli</b>
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**18:15-18:30**

**Next steps**

**End of Workshop**