EUCNC 2016 June 27-30
European Conference on Networks and Communications | Athens, Greece

Athens, Greece, June 27-30, 2016

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Special Session 3

COST: Inclusive Radio Communications for 5G and Beyond – IoT and MTC

Wednesday, 29 June 2016, 11:00-12:30, Room Kleoniki A

Session Chair: Roberto Verdone (University of Bologna, Italy)

The session will be composed of five papers/speeches (1h40 min):

1. Ralph Stübner (COST Association, Belgium); the speech will demonstrate how the COST environment supports pre-competitive research in the field of communications and networking, and will serve as a framework for the remainder of the session.
2. Narcis Cardona (Polytechnic University of Valencia, Spain); the speech will describe the goals and ambitions of the COST Action CA15104 IRACON that will accompany the development of 5G standardisation and contribute to research for systems beyond 5G in the next four years. In particular, the talk will highlight the role of the experimental WGs and the testbed facilities that will be made available.
3. Chiara Buratti will present a technical paper co-authored by researchers of the University of Bologna (Italy) and TIM (formerly Telecom Italia); the paper deals with the role of Long Range Low Power systems (such as LoRa, NB-IOT, etc) in the development of future IoT applications, both in cities and rural environments.
4. Florian Kaltenberger will present a technical paper co-authored by researchers of EURECOM (France) dealing with radio waveforms for MTC-oriented applications in 5G; results achieved through the OpenAirInterface experimental facility, will be discussed.
5. Erik Ström will present a technical paper co-authored by researchers of Chalmers University (Sweden) dealing with automotive applications, one of the driving verticals for 5G.

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End of the Deadline for submission Papers, Workshops, Special Sessions and Tutorials: 2017 Feb. 24
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