

The EUCNC2016 in Athens came to an end. The Dawn of 5G has just began.

Message from Professor P.Demestichas, University of Piraeus,  
Director of the Local Organising Committee:

The 25<sup>th</sup> edition of the European Conference on Networks and Communications is now completed.

Hundreds of participants from all over the world arrived in Athens on the 27<sup>th</sup> June to participate to what was expected to be "the Dawn of 5G".  
The secrets of "the Dawn of 5G" have been revealed, through numerous important scientific developments that were presented. The keynote speakers and the coordinators of the workshops and the tutorials managed discussions of the highest level. We witnessed the actual Dawn of 5G and therefore we can be optimistic that this is a new era for the researchers and also the end-users of technologies.  
We are overwhelmed and happy for being part of this EUCNC series and for facilitating the flow of unbiased information. For only a few days, a community of specialists was created in Athens only to share the passion for technologies and the vision for a more inclusive and accessible future!  
This is the final newsletter for the EUCNC2016!  
Next stop, Oulu, Finland.  
Good luck to the EUCNC2017 organizers and we hope to see you there!

Prof. P.Demestichas, University of Piraeus



#EUCNC2016

### Conference outcomes in a nutshell

Fruitful and more intensive discussions took place on the overall architecture of 5G, on the standards and on certain functionality elements.

Interesting demonstrations took place, on the Cloud, Internet of Things and Core 5G Technologies.

Networking for setting up plans for the future among participants.

### Key outcomes & conclusions

5G has evolved very much in the past year: 5G projects are in full swing and are delivering technological results, especially on air interfaces, core network, architecture, etc.

The standardisation bodies are moving now faster and the discussions in the standardisation bodies are starting to influence the technological work.

Research, prototypes and standards are now going in parallel development and not consecutively.

One of the hot topics of discussions in 5G is "slicing", which has now emerged.

Emphasis is put also on the vertical industries and developing business cases for the vertical industries. In the future the discussion on the radio access will be stabilised, yet a lot of interactions and work needs to be put in this direction.

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Core network, architecture, the interface between the access network/RANs and the core network are going to be very important issues and the community will see business model variations, between the models the vendors will push and the models the operators will push.

A thousand words in pictures (visit our [photo-gallery](#))



### EUCNC2016 is over. What's New, now ? SPECIAL ISSUES

EURASIP Journal on Wireless Communications and Networking. Special Issue on "[Emerging Air Interfaces and Management Technologies for the 5G Era](#)". Instructions may be retrieved [under this link](#), while your papers may be submitted using the EURASIP [submission system](#) until **October 5th**.

**Please note that:** Papers originating from EUCNC that wish to be considered for this special issue should contain additional scientific material (The editors suggest at least 1/3), with written content that is significantly different from its conference counterpart.

River Publishers. Special Issue on "[Green Engineering and Energy Efficiency in the Context of 5G](#)". If you feel that your paper has relevance to the topics covered by the special issue, then feel free to submit your paper following the [instructions](#), while your paper may be submitted using the River Publishers [submission system](#) until **August 29th**.

**Please note that:** A significantly extended version of these papers will be submitted and additional reviews will be made, according to the Journal's rules. Papers submitted to the special issue are subject to no Article Processing Charges.

### EUCNC 2016 Athens YouTube Channel

Find [here](#) all the interviews and comments of our guest speakers.

### EUCNC'2016 The Dawn of 5G

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\*This edition of the conference was organized by the University of Piraeus & the Institute of Communication and Computer Systems / National Technical University of Athens, via the Coordination & Support Action EuConNeCts2, Project H2020-ICT-2014-1/645 028.

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