

Welcome to the European Wireless 2016 Conference

Dear Colleagues,

It is a great pleasure to welcome you to the European Wireless 2016 Conference (EW16) in the city of Oulu, Finland. EW16 conference is locally organized by University of Oulu, particularly by the Centre for Wireless Communications (CWC). The theme of this edition of European Wireless is 5G: Applications, Businesses and Technologies, with a focus on the latest developments, trends, as well as future outlook of mobile and wireless communications.

Continuing with the tradition of the European Wireless conference, the scope of EW16 is broad, including, in addition to the subjects of the main conference theme, the most relevant topics in modern communications. The organizing committee of EW16 has prepared a stimulating and instructive conference program including technical presentations, workshops, tutorials, exhibitions, exciting talks by distinguished keynote speakers as well as social events.

EW16 is proud to have world-class researchers as keynote speakers. Prof. Dominic O'Brien (University of Oxford) will give a talk entitled "Optical Wireless Communications: Current Status and Future Prospects", while Dr. Harish Viswanathan (Nokia Bell Labs) will talk on "The Future of Mobile Access". EW16 also has organized five workshops in relevant aspects of 5G communications, including: "Competitive and Cooperative Approaches for 5G networks", "Advanced PHY and MAC Layer Design for 5G Mobile Networks and Internet of Things", "Device-to-Device Communication for 5G System", "Full-Duplex Techniques for 5G and Beyond" and "Collaboration Workshop on 5G Channel Modelling Activities and Next Steps in both Europe and Japan". Moreover, EW2016 offers five tutorials also on specific areas of 5G, including: "Energy-Neutral System-Level Analysis and Optimization of 5G Wireless Networks", "Simultaneous Energy and Information Transmission", "Full-Duplex Techniques for Future Wireless Networks", "Group oriented Communications in the 5G Era: Fundamentals, Applications and Novel Solutions for Performance Enhancement" and "Challenges and solutions for networking in the millimeterwave band".

Oulu, a city located some 200 km below the Arctic Circle, is one of the most vibrant urban communities in Northern Europe with a more than 400-year-long history of international shipping, trade and industry. Today, with nearly 200 000 inhabitants, this city is a center of science, education and culture offering a high knowledge-based innovation environment with global networks of people and businesses.

We hope that you will enjoy the conference, our city and the already long days of May here in the north. We also hope that you will have the chance to meet with scholars and researchers from all around the world. EW16 offers a friendly atmosphere to establish new personal contacts and encourage exchange of ideas. We will do our very best to make your staying comfortable and enjoyable!

Again, on behalf of the Organizing Committee of European Wireless 2016, I am pleased to welcome you to Finland, hoping that you have a truly inspiring and rewarding experience.

Marcos Katz