

European Wireless Conference 2021

Welcome

Dear Friends and Colleagues,

It is a great pleasure to welcome you to the European Wireless 2021 Conference (EW2021) in Verona, the beautiful Italian city of Romeo and Juliet. EW 2021 is organized by the Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT). The conference is aimed to address new research results in the field of 5G technologies, with a special focus on emerging methodologies expected to have an unprecedented impact on the service flexibility and network efficiency of future wireless systems. The theme of this edition, which is the 25th of a long history of the European Wireless conferences, specifically is "Virtualization paradigms and satellite integration in future generation wireless communications".

The 2021 European Wireless Organizing Committee is closely monitoring developments related to the COVID-19 outbreak. The health and safety of our participants is the main priority. The Organizing Committee is diligently working to ensure that the hard work of conference organization and authors is not minimized by the impact of this crisis, while also considering the health and safety of our participants.

Keeping on the tradition of the previous European Wireless editions, the scope of EW2021 is broad, including, in addition to the subjects of the main conference theme, the most relevant topics in network programmability. The Organizing Committee of EW2021 has prepared a stimulating program including technical presentations, tutorials, invited talks by distinguished keynote speakers.

EW2021 offers three tutorials also on specific areas of 5G and network programmability, including: "Towards Global Connectivity Using Aerial and Space Networks", given by Mustafa A. Kishk, Mohamed-Slim Alouini; "AI-enabled Optimization in Virtualized Wireless Networks: An Open RAN Perspective" given by Melike Erol-Kantarci; "Reconfigurable Intelligent Surfaces for Future Wireless Communications", given by Alessio Zappone, Marco Di Renzo, Merouane Debbah.

We would like to thank all of our colleagues who have been contributing to make EW2021 a great event, and specifically the Technical Program Co-Chairs (Tomaso de Cola and Riccardi Bassoli), the Special Sessions and Tutorials Chair (Cristina Costa), and the Publication Chair (Leonardo Badia). We are grateful to Frank Fitzek, who, as a Chair of the EW Steering Committee, has strongly pushed us to organize the 25th EW edition here in Verona.

We hope that you can profitably exploit the chance to meet the scholars and researchers coming from all around the world to attend EW2021. EW2021 actually intends to offer a friendly atmosphere to establish new personal contacts and encourage exchange of ideas with focus on 5G technologies and network programmability.

Once more, on behalf of the whole Organizing Committee of European Wireless 2021, we are pleased to welcome you, hoping that you have a truly inspiring and rewarding experience. We will do our very best to make your staying in Verona comfortable and enjoyable!

Fabrizio Granelli

European Wireless 2021, General Co-Chair