

Porto, Portugal, 8-11 June 2021

On the Road to 6G











www.eucnc.eu

Steering Committee Chairs

Luis M. Correia, IST - U. Lisbon, PT (Chair) Matti Latva-aho, U. Oulu, FI (Vice-Chair) Bernard Barani, E.C., BE (Vice-Chair)

Technical Program Chairs

Manuel Ricardo, U. Porto / INESC TEC, PT (Co-Chair) Ari Pouttu, U. Oulu, FI (Co-Chair) Rui Campos, INESC TEC / U. Porto, PT (Vice-Chair)

PHY - Physical Layer and Fundamentals Atílio Gameiro, U. Aveiro, PT

Guan Gui, U. Nanjing of Posts and Telecommunications, CN

Sumit Roy, U. Washington, USA

RAS - Radio Access and Softwarisation Huseyin Arslan, U. Istanbul Medipol, TK

Lorenza Giupponi, CTTC, ES

Beatriz Lorenzo, U. Massachusetts Amherst, USA

WOS - Wireless, Optical and Satellite Netw.

Henrique Salgado, U. Porto / INESC TEC, PT

Ronald Raulefs, DLR, DE

Morio Tovoshima, NICT, IP

NET - Network Softwarisation

Oriol Sallent, U. P. Catalunia, ES

Franco Callegati, U. Bologna, IT

Thomas Henderson, U. Washington, USA

VAP - Vertical Applications and IoT Carlos Calafate, U. P. Valencia, ES

Frank Li, U. Agder, NO Kamran Sayrafian, NIST, USA

OPE - Operational & Experimental Insights

Jean-Marie Gorce, U. Lyon, FR

Brecht Vermeulen, IMEC, U. Ghent, BE

Abhimanyu Gosain, Northeastern U., USA CME - Components and Microelectronics

Laurent Herault, CEA-LETI, FR

Markus Mück, Intel, DE Angela Wang Bo, Singapore U. Technology and Design, SG

6ET - 6G Enabling Technologies Nandana Rajatheva, U. Oulu, Fl

Albert Banchs, UC3, EU

Yaning Zou, TUD, DE

6GV - 6G Visions

Marja Matinmikko-Blue, U. Oulu, Fl

Volker Ziegler, Nokia, DE

Diego R. Lopez, Telefonica, ES

Panels Co-Chairs

Jorge Pereira, E.C., BE Matti Hämäläinen, U. Oulu, Fl.

Manuela La Rosa, ST Microelectronics, IT

Special Sessions Co-Chairs

Jirí Hošek, U. Brno, CZ

Bengt Ahlgren, SICS, SE Workshops Co-Chairs

Jun Wu, Shanghai Jiao Tong U., CN

Nadjib Achir, U. Sorbonne Paris Nord, INRIA, FR

Fredrik Tufvesson, U. Lund, SE

Tutorials Co-Chairs

Pawel Kulakowski, AGH Krakow, PL Edward Knightly, Rice U., USA

Mehdi Bennis, U. Oulu, Fl

Exhibitions Co-Chairs Mario Scillia, E.C., BE

Filipe Ribeiro, INESC TEC, PT

IEEE ComSoc Liaison

Hikmet Sari, Supelec, FR

EURASIP Liaison

Björn Ottersten, U. Luxembourg, LU/KTE, SE

URSI Liaison

Sana Salous, U. Durham, UK

COST Liaison

Ralph Stübner, COST Office, BE

Call for Special Sessions

The 2021 Joint EuCNC & 6G Summit, initiated this year, builds on putting together two successful conferences in the area of telecommunications: EuCNC, in its 30th edition of a series, supported by the European Commission; the 6G Summit, in its 3rd edition, originated from the 6G Flagship programme in Finland, one of the very first in its area. The conference is sponsored by the IEEE Communications Society and by the European Association for Signal Processing, and focuses on all aspects of telecommunications ranging from 5G deployment and mobile IoT to 6G exploration and future communications systems and networks, including experimentation and testbeds, and applications and services. It brings together cutting-edge research and world-renown industries and businesses, attracting in the last years more than 900 delegates from all over the world, to present and discuss the latest results, and an exhibition space of more than 1 500 m² for demonstrating the technology developed in the area, namely within European research projects from EU R&I programmes.

Special Sessions proposals are invited in all Tracks (a full list of topics is available at the website):

PHY > Physical Layer and Fundamentals

RAS > Radio Access and Softwarisation

NET > Network Softwarisation

WOS > Wireless, Optical and Satellite Networks

VAP > Vertical Applications and Internet of Things

OPE > Operational & Experimental Insights

CME > Components and Microelectronics

6ET > 6G Enabling Technologies

6GV > 6G Visions

Special Sessions may address one or more Tracks, but they should be organised under a unified theme. Special Sessions are intended to allow projects or any other group of authors to present their own work.

Special Sessions may include one invited speaker, besides papers. Proposers are responsible for defining the full contents of the Special Session, namely the authors and presenters. It is not expected that open calls for papers are launched for Special Sessions, in order to attract authors or presenters.

Special Sessions papers can be either Extended Abstracts (2 pages) or Full Papers (5 pages), and should be reviewed by the Special Sessions organisers. These papers will be part of the Conference Proceedings, but they will not be submitted to IEEE Xplore.

All participants and speakers in the Special Sessions, regardless of the nature of their presentation, including organisers, must pay the registration fee.

Special Sessions extend for a conference time-slot, i.e., 1h30, and they will be held during the conference, in parallel to regular sessions.

Special Sessions proposals should be submitted via a specific template and according to the instructions available at the website. Proposers should provide information on the Title, Duration, Motivation and Background, and Structure.

Key Dates

2021 Jan. 29 > Deadline for submission of proposals for special sessions

2021 Mar. 12 > Notification of acceptance

2021 Apr. 16 > Special Sessions papers submission

 $\textbf{IMPORTANT:} \ The \ Organizing \ Committee, with full \ support \ of \ the \ European \ Commission, currently \ plans \ on \ holding \ the \ conference \ in$ Hybrid format (with the possibility for in-person or remote attendance). We will keep regularly monitoring the situation related to COVID-19 and update the website accordingly, as soon as new information is made available. The format of the event may change to remote attendance only, depending on the conditions, since safety and well-being of all conference participants is our top priority.