

# Call for paper

## International Workshop on Propagation Channel Models and Evaluation Methodologies for 6G

### WORKSHOP General Chair

Peiyong Zhu, Huawei Technologies, Canada

### WORKSHOP Co-Chair

Roberto Verdone, University of Bologna, Italy  
Jose Francisco Monserrat Del Rio, UPV, Spain  
Mate Boban, Huawei Technologies, Germany

### TPC MEMBERS

Christian Schneider, TUIL, Germany  
Chong Han, Shanghai Jiao Tong University, China  
Hui Liu, CAICT, China  
Jie Huang, Southeast University, China  
Ke Guan, Beijing Jiao Tong University, China  
Mansoor Shafi, Spark New Zealand, New Zealand  
Marco Miozzo, CTTC, Spain  
Narcís Cardona, iTEAM-UPV, Spain  
Pan Tang, BUPT, China.

### SCOPE

The goal of the workshop on Propagation Channel Models and Evaluation Methodologies for 6G is to investigate the up-to-date research on i) wireless propagation channel measurement and modeling and ii) the evaluation methodology required for future 6G application scenarios. Compared to 5G and 5G-Advanced, 6G is envisioned to support considerably larger number of services with frequency from low, middle, to higher frequency bands up to Terahertz band, wider coverage including space-air-ground-sea and more advanced technologies. The workshop will focus on two aspects. First, it will address new challenges for wireless channel modeling due to both new technologies trends and new application scenarios introduced in 6G. Second, it will address the application of these models in the evaluation of candidate technologies and solutions for 6G in the upcoming standardization activities in ITU, 3GPP, etc. The joint efforts from both academia and industry will be the key for achieving these goals.

### INVITED SPEAKERS:

Fredrik Tufvesson, Lund University, Sweden

### TPC Chair

Jianhua Zhang, BUPT, China

### TPC Co-Chair

Thomas Kürner, Technische Universität Braunschweig, Germany  
Jian Li, Huawei Technologies, China

Thomas Blazek, Silicon Labs Austria, Austria  
Thomas Zemen, Austrian Institute of Technology, Austria  
Tommi Jamsa, Huawei Technologies, Germany  
Vittorio Degli-Esposti, University of Bologna, Italy  
Wei Fan, Aalborg University, Denmark  
Xi Liao, CQUPT, China  
Xiongwen Zhao, North China Electric Power University, China  
Xuefeng Yin, Tongji University, China  
Ziming Yu, Huawei Technologies, China

Jose Francisco Monserrat Del Rio, UPV, Spain

### TOPICS OF INTEREST (including, but not limited to)

- Novel channel sounder designs and measurement methodologies to support measurement campaigns for 6G application scenarios.
- Novel channel modeling methodologies for 6G.
- Measurement and channel modeling in frequency band including low-band, mid-band, mmWave, sub-THz, and THz.
- Measurement and modeling of advanced antenna technologies.
- Measurement and channel modeling for integrated sensing and communication.
- Measurement and channel modeling for connected industries and automation.
- Measurement and channel modeling for non-terrestrial network.
- Measurement and channel modeling for connected automated driving.
- New techniques to generate and analyze radio channels.
- Novel evaluation methodologies for 6G.
- Evaluation methodologies for antenna configurations and antenna patterns.
- Novel evaluation methodologies for network deployment.
- Results of simulations and performance testing.

### IMPORTANT DATES

Paper Submission Deadline: **07 Aug. 2022**  
Paper Acceptance Notification: **15 September 2022**  
Camera Ready: **1 October 2022**

### SUBMISSIONS

Submission link: [edas.info/newPaper.php?c=29694&track=112387](https://edas.info/newPaper.php?c=29694&track=112387)  
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