

***Workshop on Microwave Theory and Techniques in
Wireless Communication (MTTW'22)***

We have great pleasure in inviting you to participate in the Workshop on Microwave Theory and Techniques in Wireless Communication (MTTW'22). This year the Workshop will take place on October 5–7.

It will be one of the fundamental activities of the annual celebration of IEEE Day by the IEEE Latvia Section and Riga Technical University. A series of scientific events dedicated to the technological progress on the edge that takes place in the very center of the city of the 13th century on the shores of the Baltic Sea creates a unique atmosphere of conjugation of times. The Workshop has traditionally been a place of scientific acquaintance and fertile soil for many scientific, academic, and industrial projects nurtured in the fields of the Workshop.

Participation in the Workshop is free of charge and supported by IEEE Latvia Section COM/MTT/AP Joint Societies Chapter, IEEE Latvia Section, and Riga Technical University.

The Proceedings of the conference will be published in IEEE Xplore and indexed in SCOPUS and other Abstracting and Indexing (A&I) databases. The contributions must use LaTeX IEEEtran style or Word template and be handed in EASYCHAIR as PDF.

Note that only papers formatted according to these requirements will be peer-reviewed. The accepted article will be published only in the case of an in-person presentation.

Topics of interest include, but are not limited to, the following:

Wireless Communications

- Communication Systems
- Digital Signal Processing and Artificial Intelligence

- Sensor Networks and IoT
- Wireless System Architecture and Propagation Channel Modeling
- MIMO and Multi-Antenna Communications
- Software-Defined Radio and Cognitive Radio
- Ad-hoc and Cell-Based Networking
- Ultra-Wideband Communication
- Quantum Communications
- Chaotic Communications
- Biomedical and Environmental Applications

Microwave Theory and Techniques

- Antenna Technologies
- Microwave Electronics
- Microwave Photonics
- MM-Wave to THz Technology and Applications
- Wireless Power Transfer and Energy Harvesting
- Electromagnetic Field Theory and Numerical Techniques
- 3D and Novel Engineered Materials
- Measurement Techniques and Systems
- Passive Components, Circuits, and Subsystems
- Active Components, Circuits, and Subsystems

Important dates:

Paper submission due: August 14, 2022 August 21, 2022

Notification to authors: September 11, 2022

Camera-ready due: October 2, 2022

Conference: October 5-7, 2022

The Workshop will be held on the campus of Riga Technical University—the oldest and the largest Latvian technical university, at the Faculty of Electronics and Telecommunications. Address: Āzenes street 12, Riga, Latvia, LV-1048. We are looking forward to seeing you at the Workshop.

More information at the conference website mttw.rtu.lv/.