



2021 Fourth International Workshop on Mobile Terahertz Systems (IWMTS), 5-6 July 2021, Duisburg, Germany

Please note: IWMTS2021 will take place as a hybrid workshop (physical and virtual), with no obligation to participate in person for authors and interested scientists.

The 2021 Fourth International Workshop on Mobile Terahertz Systems (IWMTS) will be held in Duisburg, Germany, on 5-6 July 2021.

IWMTS sets itself apart from well-known THz conferences by focusing on "Mobile THz Technology and corresponding THz Systems" since the organizing committee believes that "Mobility" will ultimately push THz solutions to mass markets. Of course, progress reports on traditional technological advances for THz components and theoretical studies on THz wave propagation as well as related topics are also highly welcome.

The workshop provides a forum for scientists and engineers in this emerging field to exchange the outcome of their research. Technical papers describing original contributions to the world of THz science, technology and applications are welcome.

Topics of the workshop include (but are not limited to) the following areas (focusing on THz frequencies and mobility):

- Antennas and propagation
- Measurements, simulations and modeling
- Electronic and photonic transceivers
- Devices and systems
- Prototypes and testbeds
- Material characterization
- Spectroscopy
- Signal processing
- Communications (in particular 6G)
- Localization
- Identification
- Imaging and remote sensing
- Beamforming and -management
- Applications

Confirmed Key Note Speakers

- Ian Akyildiz, Georgia Institute of Technology, USA
- Joseph R. Demers, Bakman Technologies, USA

Apply for the IWMTS "TalentTravel" Program

Travel grants are available in the new "TalentTravel" Program. For more information please visit www.iwmts.org. Application deadline: February 28, 2021

Important Dates

- Full Paper Submission Deadline:
February 15, 2021
- Proposal for Special Sessions:
February 15, 2021
- Acceptance Notification:
April 19, 2021
- Camera-ready Submission:
May 17, 2021

IWMTS Organizing Committee

- General Chair
 - General Co-Chair
 - TPC Chairs
 - Special Session Chairs
 - Tutorial Chair
 - Publication Chair
 - Finance Chair
 - Publicity Chairs
 - Local Arrangement
 - Internal Coordinators
 - Web Design
- Thomas Kaiser**
Ullrich Pfeiffer
Andreas Czyliwik, Ilona Rolfes
Nils Pohl, Andreas Stöhr
Daniel Erni
Feng Zheng
Munisch Wadwa
Mohammed El-Absi, Nidal Zarifeh
Yamen Zantah
Fawad Sheikh, Ali Alhaj Abbas
Aman Batra

Papers are invited to be uploaded on the EDAS-system: <https://edas.info/newPaper.php?c=27670>. The manuscript should follow IEEE two-column format with single-spaced, 10-pt font in the text. MS or LaTeX templates can be downloaded from http://www.ieee.org/conferences_events/conferences/publishing/templates.html. The manuscript length should be four to five pages, including all figures, tables, references, and so on. All papers which meet IEEE quality standards and presented by one of the authors will be submitted to IEEE Xplore for indexing. More details about the workshop can be found on www.iwmts.org.