



ULM 2022
GeMiC
GERMAN MICROWAVE CONFERENCE

The 14th German Microwave Conference 2022, May 16-18, will be hosted by the University of Ulm in cooperation with IMA e.V. and VDE/ITG. GeMiC 2022 provides a unique platform of exchange with experts and to meet colleagues from industry, research institutes, and universities.

Technical Areas

Electronics and Active Circuits

- Low Noise and Power Amplifiers
- Frequency Synthesis, Conversion, and Control Circuits
- Microwave, Millimeter-Wave, and THz Devices
- Microwave Photonic Components, Circuits and Systems
- Transmitter and Receiver Circuits
- Frontends and Transceiver Modules
- System-on-Chip / System-in-Package
- Microwave Tubes

Passives, EM, and Antennas

- Planar and Non-Planar Passive Components
- Additive Manufacturing and Emerging Materials
- Interconnects, Packaging, and System-in-Package Technologies
- Metamaterials and Frequency Selective Surfaces
- Antennas and Antenna Arrays
- Integrated Antennas
- Electromagnetic Field Theory and Numerical Techniques
- Electromagnetic Compatibility, Interference, and Signal Integrity

Systems and Sensors

- Microwave, Millimeter-Wave, and THz Sensors
- Communication Systems
- Radar Imaging and Localization Systems
- Radar Modelling and Processing
- Measurement and Calibration Techniques
- Material Testing and Characterization
- Cognitive Radio Systems
- Biomedical Applications

Important Dates

Abstract Due

20.12.2021

Acceptance Notification

07.02.2022

Final Paper Due

04.04.2022

Conference

16.-18.05.2022

Accepted papers will be considered for publication in IEEE Xplore. Abstracts (max. 4 pages A4) should be submitted electronically as described on the official conference webpage www.gemic2022.de

Invited Keynote Speakers

Goutam Chattopadhyay NASA Jet Propulsion Laboratory, Pasadena, CA

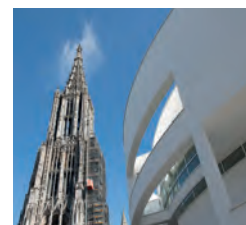
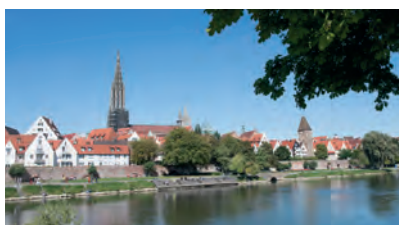
James C. Hwang Cornell University, Ithaca, NY

Gerhard Kahmen IHP – Leibniz-Institut für innovative Mikroelektronik

Andrea Neto Technical University of Delft, The Netherlands

Location

Welcome to the beautiful city of Ulm, located in Germany's hilly southern region. Founded around the year 850, Ulm can look back on a long and rich history, which includes not only the birth of Albert Einstein but also the construction of a Gothic Minster having the tallest church steeple in the world! Ulm's well-preserved old town boasts cosy bars, fine restaurants, and picturesque buildings located close to the Danube river. And, last but not least, Ulm is where the first GeMiC was held way back in 2005, so welcome back!



Conference Team

Christian Waldschmidt
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