

LOCATION



The conference will be held in Karlsruhe, the third largest city in the state of Baden-Württemberg. The conference site, the AUDIMAX, is located at the KIT Campus South, Karlsruhe, Germany. Karlsruhe is a hospitable city, in the State of Baden-Württemberg, beautifully located in the upper Rhine valley between the wooded mountains of the Black Forest, the vineyards of the Palatinate (Pfalz), and the Vosges in France with a mild climate.

GEMIC 2026 is organized by Karlsruhe Institute of Technology and will be held at AUDIMAX located on the Campus South of the Karlsruhe Institute of Technology.

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

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 Application



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CONFERENCE TEAM

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