

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 Application

IMPORTANT DATES

Conference Date

11.03.2024 – 13.03.2024

Abstract Submission Deadline

20.10.2023

Notification of Acceptance

15.12.2023

Final Papers

09.02.2024

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.gemic2024.de



LOCATION

The conference will be held in Duisburg, the fifth largest city in North Rhine-Westphalia. It is part of the Ruhr area and the Lower Rhine region. Once known mainly for its steel production sites, Duisburg is today a major logistics hub, including Germany's biggest inland harbor. In addition to industrial heritage sites such as the "Landschaftspark Nord", a former steel plant, there are many recreational areas to discover: Inner Harbor and Sechs-Seen-Platte are the most prominent. Duisburg is well connected by train and 20 minutes away from Düsseldorf airport.

GeMiC2024 is organized by University of Duisburg-Essen, and will be held at Mercator Hall, the conference center located in the center of downtown Duisburg.



CONFERENCE TEAM

Nils Weimann
Andreas Stöhr

Daniel Erni
Thomas Kaiser

Andreas Czulwik
Jan Balzer

Niels Benson
Mandana Jalali

CONTACT

contact@gemic2024.de