



EUROPEAN MICROWAVE CONFERENCE 2026 LONDON 6TH – 8TH OCTOBER 2026

The European Microwave Conference (EuMC) is Europe's premier conference dedicated to RF, microwave, millimetre-wave and terahertz science, engineering and technology. The 56th EuMC will take place in London, UK. This will be the 6th time that London has hosted this prestigious event. In fact, the very first EuMC was held in London, way back in 1969.

The conference will take place from 6th to 8th October 2026 and is the core component of European Microwave Week. These dates coincide with a very large microwave trade show and exhibition which is collocated with the conference. The trade show is free to attend so delegates at EuMC can also spend time visiting exhibits from the world's leading suppliers of microwave products and services.

The conference will feature more than 250 papers delivered in up to eight parallel technical sessions and four poster sessions throughout the full three-days of the event. Conference papers are subject to rigorous peer-review and feature subsequently in the IEEE Xplore digital library. There may also be opportunity to publish extended versions of papers

in a special issue of the International Journal of Microwave and Wireless Technologies.

Submitted papers are expected to align with at least one of the EuMC 2026 Conference Topics, listed below. Most of these topics have featured in previous editions of EuMC although new topics, such as Reconfigurable Intelligent Surfaces (RIS), are also being included in this year's conference.

The overarching theme with this year's European Microwave Week (of which EuMC is a part) is "sustainability", and so good quality papers relating to this theme are also encouraged.

EuMC 2026 will also provide many opportunities for networking and interaction with international experts in a wide variety of specialties, attracting delegates with academic as well as industrial backgrounds. In addition to scientific papers from leading academics, contributions describing industrial applications will also be featured. These will cover fields such as instrumentation, medical, telecommunications, radio astronomy, space, automotive, defence and security.

EuMC 2026 CONFERENCE TOPICS

Passive Components, Circuits and Subsystems

- E01 Planar Passive Components and Circuits
- E02 Planar Filters and Multiplexers
- E03 Non-Planar Passive Components and Circuits
- E04 Non-Planar Filters and Multiplexers
- E05 Smart Materials, RF MEMS, MOEMS and NEMS Components
- E06 Metamaterials and Electromagnetic Bandgap Structures
- E07 Reconfigurable Intelligent Surfaces
- E08 Interconnects and Packaging - from Microwave to THz Circuits
- E09 Additive Manufacturing, Emerging Materials (including eco-friendly, bio-sourced) and Sustainable Technologies

Active Components, Circuits and Subsystems

- E10 Low Noise Circuits and Modules
- E11 Frequency Generation, Conversion and Control
- E12 Front-End and Transceiver Modules, System-in-Package Technologies
- E13 Power Amplifiers, including Efficiency Enhancement, Linearization and Behavioural Modelling
- E14 Sub-THz and THz Components and Circuits
- E15 Microwave Photonic Components, Circuits and Systems

Field and Circuit Analysis, Simulation and Characterisation Techniques

- E16 Electromagnetic Field Theory and Numerical Techniques
- E17 Electromagnetic Modelling, Design and Optimisation (including AI-driven, digital twins)
- E18 Electromagnetic Compatibility and Interference, Signal Integrity
- E19 Modelling of Interaction of Electromagnetic Waves with Matter, Biological Effects
- E20 Measurement and Characterisation Techniques (including materials, devices, instrumentation, calibration and de-embedding)
- E21 Channel Characterisation
- E22 Antenna and Array Characterisation Techniques, OTA Testing

Antennas and Propagation

- E23 Microwave and Millimetre-Wave Antenna Design
- E24 Sub-THz and THz Integrated Antennas
- E25 Antenna Arrays (including beamforming networks and technologies), Smart Antennas, MIMO Antennas and Related Tx/Rx Module Technologies
- E26 Active Antennas and Reconfigurable Antennas

Systems and Applications

- E27 Microwave and Millimetre-Wave Systems (including smart factory, mobility and logistics)
- E28 Sub-THz and THz Systems
- E29 Systems and Technologies for Joint Communication and Sensing
- E30 Systems for Space and Astronomy Applications
- E31 Biological and Medical Applications, Biomedical Sensing, Imaging, Dosimetry
- E32 Components and Systems for Microwave to THz Sensing and Imaging Applications
- E33 Wireless Power Transfer and Energy Harvesting
- E34 Short Range Wireless Applications, RFID, NFC, IoT, WSN
- E35 Wearable or Implantable Microwave Components, Antennas, and Systems
- E36 MIMO Antenna Systems, including Smart Antenna and Massive MIMO Systems
- E37 Wireless High-Data-Rate Communications and Cognitive Radio

General Topics

- E38 Sustainability (including energy-efficiency, eco-design, climate-change-aware) and Environmental Impact
- E39 Microwave Devices and Systems for Quantum Computing or Communication
- E40 Other Microwave Innovative Technologies and Applications
- E41 Education in RF and Microwave Engineering



CONFERENCE HIGHLIGHTS

- More than 250 peer-reviewed papers describing state-of-the-art developments in microwave science, engineering and technology
- 40 technical sessions featuring around 200 papers across all the themes of the conference
- 8 parallel sessions running throughout all three days of the conference
- 4 poster sessions featuring around 60 papers
- Plenary and Keynote talks from world-leaders in the microwave community (both academic and industrial)
- Microwave trade show (free to attend) featuring 100s of exhibiting companies.

EuMW MICROWAVE PRIZE

The EuMC Technical Programme Committee and the EuMW Steering Committee will award the EuMC Microwave Prize of €5,000 to the author(s) of what they consider to be the best paper at the 56th European Microwave Conference. An extended version of the winning paper will be considered for publication in the International Journal of Microwave and Wireless Technologies.

EuMC YOUNG ENGINEERS PRIZE

The EuMC Technical Programme Committee and the EuMW Steering Committee will award two EuMC Young Engineer Prizes of €2,000 each to young engineers or researchers who have presented an outstanding paper at the European Microwave Conference. To be eligible, candidates must (1) have their 31st birthday after the end of 2026, (2) be the first author of the paper, and (3) be the paper presenter in an oral or a poster session. The first author must have made a major contribution to the work reported which must be described in an electronic statement signed by all authors of the paper (effectively, co-authors state that their contribution was merely advisory). This statement has to include the date of birth of the first author and must be submitted together with the original submission. The number of co-authors of the paper is not limited. An extended version of the winning papers will be considered for publication in the International Journal of Microwave and Wireless Technologies.

REDUCED FEES AND SPECIAL GRANTS

Reduced registration fees are offered for students (whose 31st birthday is after the end of 2026) and senior persons whose 65th birthday is or was before the end of 2026. The European Microwave Association will also provide up to 14 student grants of €750 and free EuMC registration. Applicants for a student grant must have their 31st birthday after the end of 2026, be a full-time student (i.e., an undergraduate or a Ph.D. student), and they will be asked to provide a supervisor's written confirmation of their current student status. The European Microwave Association will also provide a number of grants for delegates coming from the Newly Independent States and from low-income countries. We are particularly proud to support applications from Ukrainian scholars. The value of the grant is €750 in addition to a free EuMC registration. Applications should be sent to the EuMW 2026 Grants and Visa Chair by emailing grants.eumw2026@eumwa.org within the deadline (see "Important Dates" section on the second page of this Call for Papers).

56TH EuMC TEAM

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