



2026 IEEE International Conference on Radio Frequency and Antenna Technologies (IEEE RFAT 2026)

15 -18 May 2026 // Shenzhen, China//<https://rfat.szu.edu.cn/raft2026/>

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Track Chairs:

Microwave/mm-Wave/THz Devices/ Circuits:

- Baoyong Chi, Tsinghua University

- Weidong Hu, Beijing Institute of Technology

Microwave/mm-Wave/THz Antennas:

- Qi Wu, Beihang University

- Manos M. Tentzeris, Georgia Institute of Technology, USA

Wireless Communications, Smart Systems, IoT,

Cloud/Fog Computing & Big Data, AI:

- Yan Zhang, University of Oslo, Norway

- Rongxing Lu, UNB, Canada

Local Organization Chairs:

- Sai-Wai Wong, Long Zhang, Bin Liao, Daquan Feng
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Publicity Chairs:

- Mingchun Tang, Chongqing University

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- Yanhe Lyu, National University of Singapore, Singapore

- Abbas Jamalipour, University of Sydney, Australia

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- Wenting Li and Xiaowen Cao, Shenzhen University

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- Lei Ge and Yejun He, Shenzhen University

Industrial Chair:

- Keqing Ouyang, Sanechips Technology Co., Ltd

Topics include (but are not limited to):

MICROWAVE/MM-WAVE/THZ DEVICES/CIRCUITS

- Passive and Active RF Circuits
- Scattering, Diffraction and Radar Cross Section
- EM Theory and Applications
- Propagation for Location-Based Devices
- Environmental Effect on Radio Propagation
- Metasurface Materials and Techniques
- Radio Frequency Heterogeneous Integration

MICROWAVE/MM-WAVE/THZ ANTENNAS

- Antennas for Mobile Communications
- Antennas for Wireless LAN
- Antennas for Ultra-High-Data-Rate Communications
- Antennas and Propagation for Biomedical Apps
- Advanced Antenna Measurement Techniques
- RF and Microwave Substrate Integrated Antennas
- mmWave Wide-Angle Scanning Phased Arrays
- Advanced Computational Electromagnetics for Antenna Designs
- Cavity-Backed Antennas for Wireless Communications and Sensing
- THz antennas, Metamaterial antennas, Liquid Antennas

WIRELESS COMMUNICATIONS, SMART SYSTEMS, IoT, CLOUD/FOG COMPUTING, BIG DATA, BIG MODEL & AI

- Wireless Communications and Networking
- Smart Systems, Smart Grid and Big Data
- Smart Sensors, Smart Robot Technologies
- IoT Security, IoT Devices/Applications
- Multimedia over IoT, IoT over 5G
- Vehicular Communications over IoT
- Intelligent Transportation, Cloud/Fog Computing
- Integrated Communications and Sensing
- Computational Electromagnetics
- Encoding/Decoding/Modulation, Signal/Image Processing
- AI

Important Dates

Dec. 15th, 2025 Paper Submission Deadline

Mar. 15th, 2026 Paper Acceptance

Apr. 15th, 2026 Camera-ready Deadline

Apr. 15th, 2026 Registration (Early Bird)

Paper Submissions

Please submit an electronic copy of your original full manuscript (3-6 double-column IEEE formatted pages, including figures, tables, and references) to: <https://edas.info/listTracks.php?c=34260>.

Please clearly indicate the corresponding author. Include up to 6 keywords from the above list and an abstract of no more than 350 words. Papers must be submitted in PDF format only via the above EDAS portal. For more information, visit the conference website: <https://rfat.szu.edu.cn/rfat2026>. If you have any questions about paper submissions or the program, please contact us by email rfat@szu.edu.cn.

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