

2nd Call for Papers

2023 Asia-Pacific Microwave Conference

CALL FOR PAPERS

5-8 Dec. 2023 @ TAIWAN

Microwave Linking the World



IMPORTANT DATES

- | | |
|---------------|--|
| Jun. 10, 2023 | Proposal Deadline
Special Sessions / Workshops / Tutorials |
| Jul. 14, 2023 | Preliminary Paper Submission Deadline
3 pages in PDF format |
| Sep. 29, 2023 | Acceptance Notification |
| Oct. 09, 2023 | Final Paper Submission Deadline
Manuscript and copyright for accepted papers |

Technical Exhibition

The technical exhibition on RF/microwave/EMC components, devices, materials, measurements, instrumentation and software will be the major accompanying event of the Asia-Pacific Microwave Week.

This exhibition will provide a diverse array of opportunities to showcase and network with technology companies in an exciting venue hosting major manufacturers and distributors of RF/microwave-related equipment, software, and tools.



Website

www.APMC2023.org

Technical Sponsors





Asia-Pacific Microwave Conference

CALL FOR PAPERS

All accepted and presented papers will be included and published in IEEE Xplore.



Active Devices and Circuits

Low-noise devices and circuits, high-power devices and circuits, wide band-gap devices, microwave tubes, control circuits (mixer, oscillator, switch, etc.), MMICs, RFICs, millimeter and THz wave devices and circuits, graphene devices, and other relevant topics.



Passive Components

Multiband, broadband, tunable, and reconfigurable filters, resonators, directional couplers and hybrids, waveguides and transmission lines, ferrite and SAW devices, RF MEMS, LTCC devices, packaging, metamaterials and EBG structures, plasmonic and optical components, nanomaterials, and other relevant topics.



Emerging Areas

Nano-electromagnetics, artificial intelligence, machine learning and deep learning for microwave and wireless applications, electromagnetic-acoustics, and other relevant topics.



Systems

5G systems, high-speed and broadband millimeter and THz wave systems, MIMO systems, microwave photonics, radar and sensor systems, IoT/M2M/RFID systems, wearable devices and systems, security and health monitoring systems, wireless power transfer systems, energy harvesting devices and systems, microwave medical and biomedical applications systems, whitespace systems, software defined/cognitive/smart radio systems, satellite systems, near/far field measurement, EMC/EMI, SI/PI, microwave heating and chemistry, and other relevant topics.



Antennas and Propagation

EM field theory, EM wave propagation, wave scattering and inverse scattering, DOA estimation, localization, antenna theory and design, millimeter-wave/THz and optical antennas, small antennas, broadband and multi-band antennas, MIMO antennas, active adaptive and smart antennas, reconfigurable antennas, body channel modelling, and other relevant topics.

Organizing Committee

Honorary Chairs

Song-Tsuen Peng / NYCU, Taiwan

Powen Hsu / NTU, Taiwan

Kin-Lu Wong / NSYSU, Taiwan

Ching-Kuang Clive Tzuang / NTU, Taiwan

General Chair

Jen-Tsai Kuo / CGU, Taiwan

General Co-Chairs

Hsi-Tseng Chou / NTU, Taiwan

Sheng-Fuh Chang / CCU, Taiwan

Technical Program Committee Chair/Co-Chair

Pei-Ling Chi / NYCU, Taiwan

Chien-Nan Kuo / NYCU, Taiwan

Award Committee Chair

Tzyy-Sheng Horng / NSYSU, Taiwan

Workshop/Tutorial Chairs

Chin-Lung Yang / NCKU, Taiwan

Tao Yang / UESTC, China

Special Session Chair/Co-Chair

Chin-Chun Meng / NYCU, Taiwan

IST Panel Chair

Chow-Yen-Desmond Sim / FCU, Taiwan

Finance Chair

Kuo-Sheng Chin / CGU, Taiwan

Publication Chair

Ming-Lin Chuang / NPU, Taiwan

Website Chair

Chi-Feng Chen / THU, Taiwan

Exhibition Chair

Richard Liu / WavePro Inc, Taiwan

Local Arrangement Chair

Chow-Yen-Desmond Sim / FCU, Taiwan

Technical Supporters

