



**2025**  
**AMS**  
Australian Microwave  
Symposium

**CALL FOR PAPERS**



# **6<sup>th</sup> Australian Microwave Symposium**

**Gold Coast, Australia      10-11 February 2025**

The 6<sup>th</sup> Australian Microwave Symposium (AMS), sponsored by the IEEE Microwave Theory and Technology Society (MTT-S) Australian Chapters, will take place on February 10-11, 2025, in Gold Coast, QLD, Australia. This biennial conference provides a platform for the national and international microwave, millimetre-wave, and terahertz community to meet and showcase their latest analytical, numerical, and experimental achievements in microwave and RF components, circuits, systems, antennas, and propagation. AMS invites prospective authors to submit original papers in the form of either a one-page abstract or a two-page full paper on all areas of microwave and RF technology. Accepted full papers (2 pages) will be submitted for inclusion in IEEE Xplore. Papers submitted will be peer-reviewed and evaluated based on novelty, significance of the work, and technical content.

## **Important Dates**

Full paper submission:	<del>1 November 2024</del>	18 November 2024
(2-page papers or 1-page abstract in PDF form)		
Notification of acceptance:		13 December 2024
Final paper submission:		10 January 2025

# Topics of Interest

- Passive components (filters, couplers, transitions, waveguides, etc.)
- Active components (amplifiers, mixers, oscillators, etc.)
- RF packaging and package modelling
- RF MEMS and microsystems
- Radar, SAR and microwave imaging
- Electronic warfare and other military applications of RF/Microwaves
- Emerging areas (nanotechnology, biomedical applications, AI/ML, etc.)
- EMI/EMC
- Microwave, millimetre-wave, and terahertz systems
- Wireless and cellular architectures, circuits, and components
- Transmitter/Receiver components
- Antenna design, modelling, measurements
- Phased arrays
- MIMO antennas
- Sensors and RFID
- Signal generation and modulation circuits

## Organising Committee

### General Chair

Hugo Espinosa

### General Co-Chair

Yang Yang

### Steering Committee

Kamran Ghorbani

Christophe Fumeaux

Amin Abbosh

David Thiel

### Awards Chairs

Rodica Ramer

Khushboo Singh

### Keynote Speakers Chair

David Thiel

### Technical Program Committee

Konstanty Bialkowski (Chair)

Withawat Withayachumnankul

Shengjian Jammy Chen

Forest Zhu

### Publications Chair

Maria Kovaleva

### Exhibition and Sponsorship Chairs

Bahare Mohamadzade

Lu Zhang

### Website and Publicity Chair

Thomas Baum

### Local Arrangement Chairs

Margaret Schiller

Tara Rose

Syed Naqvi

Kamel Sultan

