



ISAP 2022

2022 International Symposium on Antennas and Propagation
31 Oct. – 3 Nov. 2022, Sydney, Australia

The 27th International Symposium on Antennas and Propagation (ISAP) will be held from October 31 (Monday) to 3 November (Thursday), 2022, at the International Convention Centre (ICC), Darling Harbor, Sydney, Australia. This will be followed by European-Australian School of Antennas from 4 to 6 November, 2022 at Manly.

ISAP2022 will be held in a traditional on-site format. It will provide an international forum for the exchange of information on research and development in antennas, propagation, applied electromagnetics and other related topics as shown in the list of conference topics.

Important Dates

Special Session Proposal Deadline: 18th March 2022
Manuscript Submission Deadline: 29th May 2022
Notification of Paper Acceptance: 22nd July 2022



Organising Committee

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Europe: Oscar Quevedo-Teruel, *KTH Royal Institute of Technology, Sweden*

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North America: Payam Nayeri, *Colorado School of Mines, USA*

Conference Topics

A. Antennas

- A1. Small Antennas and RF Sensors
- A2. Antennas for Mobile and V2X Applications
- A3. Broadband and Multi-band Antennas
- A4. Active, Adaptive, On-Chip and Smart Antennas
- A5. Reconfigurable Antennas
- A6. Planar/Printed Antennas and Arrays
- A7. Conformal Antennas
- A8. Antenna Theory and Measurements
- A9. Millimetre-wave and Terahertz Antennas
- A10. Metamaterials and Metasurfaces for Antennas
- A11. Leaky Wave Antennas

C. Electromagnetic-wave Theory

- C1. Computational Electromagnetics
- C2. Time-Domain Techniques
- C3. Scattering, Diffraction and RCS
- C4. Inverse and Imaging Techniques
- C5. Optimization Methods in EM Problems
- C6. Frequency Selective Surfaces and Filters
- C7. EBG, Metamaterials and Periodic Structures
- C8. Multiscale and Multiphysics

B. Propagation

- B1. Indoor and Mobile Wireless Propagation
- B2. Millimetre-wave, THz and Optical Propagation
- B3. Propagation for V2X and IoT
- B4. Channel Sounding and Channel Estimation
- B5. Radar, DOA, localization and Sensing
- B6. Propagation Measurement Techniques

D. AP-related Topics:

- D1. Antenna Systems for 5G, B5G and 6G
- D2. MIMO and Array Signal Processing
- D3. DoA, Wireless Sensing and Radar
- D4. Wireless Power Transfer
- D5. Wearable Device and Medical Applications
- D6. OAM and Near Field Communications
- D7. Passive and Active RF Components
- D8. RFID. RF Chip Design and Antennas in Package
- D9. EMC/EMI Techniques
- D10. Backscatter Communications
- D11. Intelligent Reflecting Surface
- D12. Industrial IoT and Environmental Monitoring
- D13. Machine Learning for AP

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Technical and Social Activities



European-Australian School of
Antennas @ Manly



Social Networking



Lunch Visit