

Call for Papers and Proposals

TENSYMP 2023

6-8 September 2023 · Canberra, Australia

2023 IEEE Region 10
Symposium

tensymp2023.org

TENSYMP 2023
Technology for an Autonomous World

General Chairs

- Ambarish Natu
Australian Government, Australia
- Xiuping Jia
University of New South Wales, Australia

Program Chair Coordinator

- Hoe Tan
Australian National University, Australia

Track Chairs

- Lily Qiao - Aerospace, Autonomous & Electronic Systems
University of New South Wales, Australia
- Hieu Nguyen - Photonics, EDS & Nanotechnology
Australian National University, Australia
- Hemant Singh - Computational Intelligence
University of New South Wales, Australia
- Huadong Mo - Systems, Man and Cybernetics
Australian National University, Australia
- Anthony Jones - Computer
Australian Government, Australia
- Fei Ma - Signal Processing & Communications
Australian National University, Australia
- Iman Shames - Control Systems
Australian National University, Australia
- Yiqing Guo - Geoscience and Remote Sensing
Commonwealth Scientific and Industrial Research
Organisation, Australia
- David Powell - Antenna & Microwave Techniques
University of New South Wales, Australia
- Chathurika Mediwaththe – Power and Energy
Commonwealth Scientific and Industrial Research
Organisation, Australia

Women in Engineering Chair

- Jihui (Aimee) Zhang
Australian National University, Australia

Student Activities Chair

- Thien Truong
Australian National University, Australia

Young Professionals Chair

- Vamsi Krishna Jadala
TIE Hyderabad, India

Life Member Activities Chair

- Dale Siver
Retired, Australia

Awards Chair

- Fouad Karouta
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- Hwa Chiang Leo
IEEE, Singapore

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- Sharon Lim
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IEEE Australian Capital Territory Section



The IEEE Region 10 Symposium (TENSYMP) is the flagship annual symposium organised by the IEEE Region 10 (Asia Pacific). The theme for 2023 is ‘Technology for an Autonomous World’. An autonomous world is transforming industries ranging from automotive, aerospace, insurance to healthcare. The technological innovations in self-driving cars, environment-aware robots and intelligent buildings are becoming a reality and changing our world. Autonomous technology must operate at a high level of performance and reliability, across sensors, processing units at the edge and the cloud, data management and connectivity solutions.

TENSYMP 2023 will be held in Canberra, Australia from September 6-8, 2023. TENSYMP brings together research scientists, engineers and practitioners from across the region and the world to share their latest ideas. The symposium will showcase high quality oral and poster presentations, as well as Workshops sponsored by IEEE societies. Exceptional papers and contributors will be recognized with prestigious awards.

Topics of interest include but not limited to

- Aerospace Technology
- Antenna, Microwave and RF Engineering
- Image and Video Processing
- Smart Technologies
- Blockchain/Distributed Ledger Technologies
- Artificial Intelligence
- Cloud Computing, Security and Privacy
- Humanitarian and Social Impacts of Technologies
- Low power VLSI devices, Circuits and Systems
- Telecommunications / 5G and Beyond
- Power Electronics and Systems
- Renewable Energy Technologies
- Control Systems and Engineering
- Systems, Man, and Cybernetics
- Computational Intelligence
- Geoscience and Remote Sensing
- Data Science and Engineering

Important Dates

Special Session / Workshop
Proposals
15 April 2023

Paper Submissions
20 May 2023

Camera Ready Submission
25 June 2023

Registration Opens
30 May 2023