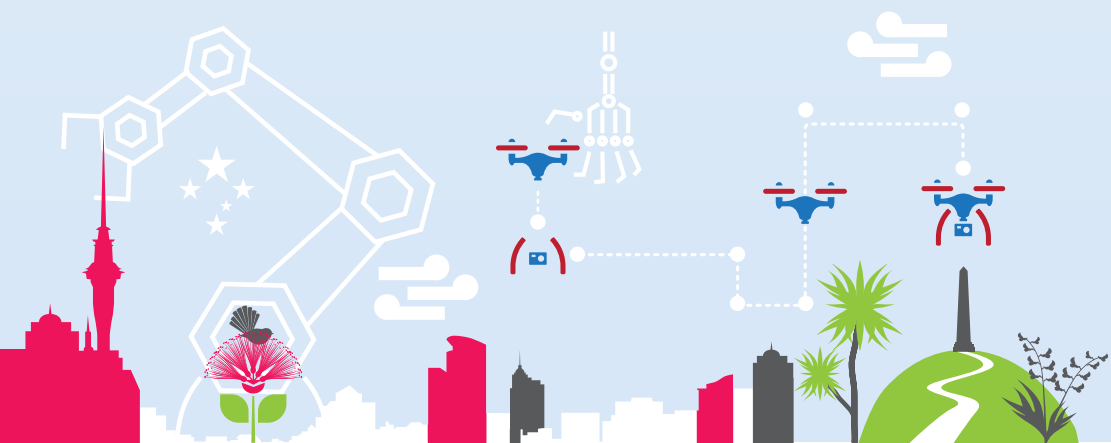


## CALL FOR PAPERS

IEEE International Conference on Automation Science and Engineering (CASE) is the flagship automation conference of the IEEE Robotics and Automation Society (RAS) and constitutes the primary forum for cross-industry and multidisciplinary research in automation. Its goal is to provide broad coverage and dissemination of foundational research in automation among researchers and practitioners. IEEE CASE 2023 will be held in Auckland, New Zealand, from 26 - 30 August 2023, and the theme is Automation for a Resilient Society.

Auckland is one of the world's most sustainable and liveable cities with dynamic multi-culture and inclusive communities as well as an innovative hub in the Asia Pacific region. CASE 2023 will be a unique opportunity for attendees around the world to enjoy the stunning views of the New Zealand landscape, experience the passion and diversity of this vibrant city, and learn about the automation-enabled innovation and transformation of agriculture, aquaculture, forestry, manufacturing, infrastructure, and healthcare sectors in Aotearoa New Zealand.



# SUBMISSION OF SPECIAL SESSION/WORKSHOP PROPOSALS AND REGULAR PAPERS

IEEE CASE 2023 invites special session and workshop proposals, regular papers, industry papers and presentation-only papers related to the conference topics, which include but are not limited to:

- Human-centred automation
- Automation in life science
- Sustainability and green automation
- Automation in agriculture and horticulture
- Automation sciences for pandemics
- Healthcare automation
- Smart building and construction
- Knowledge-based automation
- Manufacturing automation
- Cloud-based automation
- Big data, data mining and machine learning
- Privacy and security in automation

## KEY DATES

15 February 2023:

Special session proposal submission due

Extended - 17 March 2023:

Regular & special session full paper submission due

Extended - 15 April 2023:

Workshop proposal, industry paper & presentation only paper submission due

Extended - 25 May 2023:

Paper acceptance notification

15 June 2023:

Final paper submission due

15 June 2023:

Author registration due

26 - 30 August 2023:

Conference

## CONTACTS

### General Chair

Professor Xun Xu  
University of Auckland  
+64 9 923 4527  
[x.xu@auckland.ac.nz](mailto:x.xu@auckland.ac.nz)

### Programme Chair

Professor Dr.-Ing. Birgit Vogel-Heuser  
Technical University of Munich  
+49 89 289 16400  
[vogel-heuser@tum.de](mailto:vogel-heuser@tum.de)

### Organisation Chair

Dr. Yuqian Lu  
University of Auckland  
+64 9 923 1584  
[yuqian.lu@auckland.ac.nz](mailto:yuqian.lu@auckland.ac.nz)

Hosted by



Supported by

