ICCAE 2025
Sydney, Australia | March 12-14, 2026

2026 18th International Conference on Computer and Automation Engineering

2026 18th International Conference on Computer and Automation Engineering (ICCAE) is going to take place in Sydney, Australia during March 12-14, 2026. It will offer an ideal platform for presentation, discussion, criticism and exchange of innovative ideas and current challenges in the field of computer and automation engineering.

SPEAKERS

Xinghuo Yu, Professor (FAA, HonFIEAust, FIEEE)
RMIT University, Melbourne, Australia

Peng Shi, Professor (FIEEE, FIET, FIEAust)
The University of Adelaide, Australia

Angel P. del Pobil, Professor
Jaume I University, Spain

Ljiljana Trajkovic, Professor (IEEE Life Fellow)
Simon Fraser University, Canada

CONFERENCE TOPICS

▶ *T1: Intelligent Control & Optimization*
Neural Networks Control
Fuzzy Logic Control
Model-Predictive Control
Adaptive/Optimal Control
Neural-Genetic Systems

▶ *T2: Human-Centered Systems & Interaction*
Human-Robot Systems
Man-Machine Systems
Virtual Reality
Human-Computer Interaction
Command/Control Systems.

▶ *T3: Data Intelligence & Decision Systems*
Data Mining
Knowledge Discovery
Pattern Recognition
AI/ML for Automation
Case-Based Reasoning

▶ *T4: Intelligent Communication & Networks*
High-Speed/Wireless Communication
Communication Networks
Computational Intelligence in Telecom
Network Protocols
Multimedia Processing

▶ *T5: Automation Applications in Critical Domains*
Manufacturing Systems
Energy Systems
Transportation Systems
Medical Decision Making
Healthcare Systems

▶ *T6: Decision Making and Information Retrieval*
Security in Automation
Fault Diagnosis
Secure Communication Networks
Industrial Control Security
Risk Management in Automation

More information please check the web:
http://www.iccae.org/cfp.html

IMPORTANT DATES

Submission Deadline - - - - - - - - November 25th, 2025
Notification of Acceptance - - - - December 20th, 2025
Registration Deadline - - - - - - - - January 5th, 2026

PUBLICATION

Peer reviewed and presented papers will be published into ICCAE 2026 International Conference Proceedings. Those papers will be indexed by Ei Compendex, Scopus and other main databases.

SUBMISSION

Please submit your full paper or abstract in English by Electronic Submission System:
http://www.easychair.org/conferences/?conf=iccae2026
For more information about submission, please visit: *https://www.iccae.org/sub.html*

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Subhas Mukhopadhyay, Macquarie University, Australia (IEEE Fellow)

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