ICoIAS 2025

"2025 the 7th International Conference on Intelligent Autonomous Systems"

OSAKA Japan

December 26-28, 2025

大阪大学
THE UNIVERSITY OF OSAKA

ICoIAS

About ICoIAS

1. IEEE publication for 7 years.

2. IEEE FELLOW invited as keynote speakers.

3. Topic concentrated and special for exchange

4. Universities Sponsorship by the University of Osaka

★Previous ICoIAS

ICoIAS 2023 | ISBN: 979-8-3503-7125-3 IEEE Xplore | Ei Compendex & Scopus| Qinhuangdao, China
ICoIAS 2022 | ISBN: 978-1-6654-9837-1 IEEE Xplore | Ei Compendex & Scopus| Dalian, China
ICoIAS 2021 | ISBN: 978-1-6654-4195-7 IEEE Xplore | Ei Compendex & Scopus| Wuhan, China
ICoIAS 2020 | ISBN: 978-1-7281-6077-1 - IEEE Xplore | Ei Compendex & Scopus | National University of Singapore, Singapore
ICoIAS 2019 | ISBN: 978-1-7281-2662-3 - IEEE Xplore | Ei Compendex & Scopus | Nanyang Technological University, Singapore
ICoIAS 2018 | ISBN: 978-1-5386-6329-5 - IEEE Xplore | Ei Compendex & Scopus | Nanyang Technological University, Singapore

All accepted papers after proper registration and presentation will be will be published in the ICoIAS 2025 Conference Proceedings, and reviewed by the IEEE Conference Publication Program for IEEE Xplore, *Ei Compendex and Scopus*.

Topics

A.→ Advanced Intelligent Control:
   Intelligent control theories and methods, multi-agent collaborative control, sensor fusion in intelligent automatic systems;
  B.→ Robotic In-Situ Assembly and Manufacturing:
   human-robot interaction, intelligent reasoning, motion planning, multi-modal perception, automatic operation;
  C.→ Robot Grasping and Manipulation:
   grasping planning, grasp synergies, human grasping and manipulation modeling and learning, dexterous manipulation, in-hand manipulation, learning and cognitive development of grasping and manipulation;
  D.→ Vision and Navigation:
   SLAM, 3D vision, RGB-D Perception, machine vision, vision inspection, scene understanding;
  E.→ Bionic Robots and Technologies:
   Bionic materials, Mechanism, Ingenious structure;
  F.→ Deep Learning and Pattern Recognition:
   objection detection, and recognition
  G.→ Applications to Autonomous Systems: unmanned surface vehicles, unmanned aerial vehicles, spacecrafts, robotic systems, flexible manipulators etc.

Submission

Submission Link: https://easychair.org/conferences/?conf=icoias2025
 Template: http://www.icias.org/IEEE-Formatting.docx
 (Note: a. Your submission will be reviewed by the conference scientific committee. b. Only Full paper submission will be published in conference proceedings if accepted.)

★Important Dates

Submission Deadline: September 15, 2025
Notification Deadline: October 15, 2025
Registration Deadline: November 5, 2025
Conference Dates: December 26-28, 2025

★Contact Us

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