ICoSR 2025

2025 4th International Conference on Service Robotics

Guangzhou, China July 25-27, 2025

CALL FOR PAPERS

- Al in Robot
- Cognition Based Interaction
- Ethical Issues
- Human Centred Robotics
- Human-Robot Collaboration
- Human Robot Integration Agriculture Robots

Conference Committee

Conference Chairs

- Zhijun Zhang, South China University of Technology, China
- Chenglong Fu, Southern University of Science and Technology, China
- Fei Wang, Northeastern University, China

Conference Co-Chairs

- Shuquan Wang. University of Chinese Academy of Sciences, China
- Ting Zhang, Soochow University, China
- Construction Robotics
- Search and Rescue Robotics
- Security Robotics
- Object Manipulation
- Robot Simulations
- Robot Software Development
- Robot Software Development
- Robots for Cultural Heritage
- Visual Servoing and Robot Vision

Special Sessions

I : Assistive Service Robot for Healthcare in Aging Population

II: Lightweight Design and Control

Strategy for Assistive Exoskeletons

III: Advanced Optimization Techniques in Service Robotics

IV: Perception and Cognition in Intelligent Service Robotics

V : Adaptive Motion Planning and Control for Service Robots

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Hong Cheng, University of Electronic Science and Technology of China

Kai Huang, Sun Yat-sen University, China

Degang Xu, Central South University, China

Gang Yang, Northwestern Polytechnical University, China

Keynote Speaker

VI: Rehabilitation Assistive Robot VII: International Symposium on Robotic Systems and Intelligent Perception VIII: Perception and Control of Intelligent **Robots in Complex Environments**

Submisssion

https://cmt3.research.micr osoft.com/4thICoSR2025

Key Dates

The Final Round

Full Paper Submission Due: July 3, 2025

Organized by



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Prof. Honghai Liu Harbin Institute of Technology, Shenzhen, China

欧洲科学院院士(MAE), IEEE Fellow, IET Fellow



Prof. Ning Xi The University of Hong Kong, China **IEEE Fellow**



Prof. Jianbin Qiu Harbin Institute of Technology, China **IEEE Fellow**

Publication Information

All accepted and presented papers will be published in the ICoSR 2025 digital conference proceedings, and published in the Springer Book Series Lecture Notes in Networks and <u>Systems (ISSN: 2367-3389)</u>, which will be sent for review and submitted for indexing by major citation databases such as Ei Compendex, Scopus etc.

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