IC0SR 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 IntegrationAgriculture 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

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- Shuquan Wang.University of Chinese Academy of Sciences, China
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- 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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Kai Huang, Sun Yat-sen University, China

Degang Xu, Central South University, China

Gang Yang, Northwestern Polytechnical University, China

Keynote Speaker

Prof. Honghai Liu

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: June 20, 2025

Organized by



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Harbin Institute of Technology, Shenzhen, China IEEE Fellow, ASME Fellow, RSA Fellow and CAA 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 <u>Springer Book Series Lecture Notes in Networks and</u> <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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