ICoSR 2026

July 25-27, 2026 | Haikou, China

2026 5th International Conference on Service Robotics

Welcome to ICoSR 2026

The 2026 5th International Conference on Service Robotics (ICoSR 2026) will be held in Haikou, China during July 25-27, 2026.
Robotics technology has been playing a key role in escalating industries, frontier research and daily life. Service robots, which encompass a range of systems, including field robots, construction robots, agriculture robots, cleaning robots, logistics robots, medical robots, and humanoid robots, have the potential to significantly enhance safety, efficiency, and productivity using robotics technology. The International Conference on Service Robotics (ICoSR 2026) has been organized to promote research and development in this field by providing a platform for robotics researchers and engineers from all over the world to exchange their views on the theoretical and application challenges of service robots in a collaborative, stimulating and open-minded environment. Policymakers, stakeholders, and experts from related disciplines are also encouraged to participate and contribute to scientific progress in the area of service robotics.

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Important Dates

The Third Round

- Abstract Submission Due: April 21, 2026
- Full Paper Submission Due: May 5, 2026
- Author Notification: June 5, 2026
- Registration Due: July 5, 2026
- Final Paper Submission Due: July 5, 2026

Call For Papers

The topics of interest include, but are not limited to:

Intelligent Robotics

- Al in Robot
- Robot Design
- Bio-inspired robots
- Humanoid Robots
- Environmental Robotics
- Search and Rescue Robotics
- Soft Robotics and Liquid ,Metal Robots
- Autonomous Land/Underwater/Aerial Robots
- Multi-robot Systems/Swarm Robot/Collaborative Robots

Sensors, Actuators, and Integration in Robotics

- Sensor Technology
- Actuation Mechanisms
- Human-Centric Sensing and Actuation
- Wireless and IoT-Enabled Robotics
- LiDAR and Optical Vision Integration in Robotics
- Testing and Validation
- Object Tracking with Optical Sensors in Robotics
- Applications of Integrated Systems

Sensors, Actuators, and Integration in Robotics

- Autonomous Navigation
- Robot Simulations
- Autonomous and Unmanned Vehicles
- Robots for Cultural Heritage
- Network-based Intelligent Robot Services
- Quantum-Enhanced Robotics
- Sustainable Robotics
- Space and Extreme Environment Robotics

Submission Guidelines

Scholars will be welcome to submit the papers via the online submission system.

Link: https://cmt3.research.microsoft.com/CoSR2026

Publication Information

Registered and presented full papers will be included in the ICoSR digital conference proceedings and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.

Compendex on Engineering Village

Scopus

Special Sessions

- Embodied Intelligence-Driven Marine Remote Sensing and Underwater Visual Perception
- Brain-Inspired Robot Visual Detection and Spatial Perception
- Unsupervised Learning in the Era of Foundation Models: For Robotics and Beyond
- Reinforcement Learning for Control and Decision-Making in Autonomous Robots
- Environmental Perception, Navigation, and Intelligent Operation for Underwater Robotics
- Bio-inspired Design, Perception, Learning and Control to Improve Robotic Dexterity
- Human-Robot Collaboration in Intelligent Manufacturing

Contact Us

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