

# ISoIRS 2026

## The Sixth International Symposium on Intelligent Robotic Systems

Moving Towards Embodied Intelligence in the AI Age

March 27-29, 2026 | Shenzhen, China

[www.isoirs.org](http://www.isoirs.org)

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#### Finance Chair

Jiawei Wu, Shenzhen Institute for Advanced Study, UESTC, China

### Strategic Directions Workshop on Embodied Intelligence

#### Workshop Advisors

Guangren Duan FIEEE MCAS, Harbin Institute of Technology, China

Luiz Moutinho MAE, University of Suffolk, UK

#### Workshop Chairs

Yun Li FIEEE, Shenzhen Institute for Advanced Study, UESTC, China

Zengguang Hou FIEEE, Institute of Automation, Chinese Academy of Sciences, China

Jiansheng Dai FIEEE FREng, Southern University of Science and Technology, China

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Shuzhi Sam Ge FIEEE FAES, National University of Singapore, Singapore

Huosheng Hu FIET, University of Essex, UK

Hongnian Yu FIET, Edinburgh Napier University, UK

Shane Xie FIEEE FEngNZ FRSNZ, University of Leeds, UK

Gary G. Yen FIEEE, Oklahoma State University, USA

### Special Sessions

I : Evolutionary Learning and Transfer Optimization for Intelligent Robotic Systems

II: Compute-in-Memory for Embodied AI

III: Unmanned Systems and Artificial Intelligence

IV: Swarm Intelligence Algorithms and Their Applications

V: Connected Robotic Intelligence in Heterogeneous Systems

VI: Mechanism and Actuator Innovations for Safe Human–Robot Collaboration

VII: Intelligent Robotic Technologies for Empowering Future Agriculture

VIII: AI and Edge Intelligence for Gait Analysis and Rehabilitation Robotics

IX: Flexible Wearable Exoskeleton Technologies and Applications

X: Advanced Actuation and Sensing Technologies for Next-Generation Robotics

XI: Biomimetic Robot Technologies and Applications

XII: Intelligent Aerial Robotics for the Low-Altitude Economy

XIII: Frontier Technologies and Applications in Robot Cross-Domain Collaboration and Intelligent Evolution

XIV: Generative Intelligence and Safe Learning for Autonomous Robotic Systems

XV: Application of Intelligent Robots in Modern Agricultural Production

XVI: Cross-domain Intelligent Robot

### CALL FOR PAPERS

The topics are as following but not limited to:

- Robot Mechanisms and Design
- Robot Sensors and Actuators
- Hybrid Learning Models and Methods
- Reinforcement Machine Learning
- Self-Learning, Prediction and Control
- Multi-Robot and Swarm Collaboration
- Multi-Agent Robotic Systems
- Intelligent Robotic Medical Systems
- Rescue and Hazardous-Duty Robots
- Entertainment and Amusement Robots
- Robots for Biomedical Applications
- Distributed Intelligent Processing
- Human-Robot Interface
- Robot Teleoperation
- Agricultural Robotics
- Construction Robots
- Robot Intelligence and Learning
- LLMs and World Models for Robotics

### Publication Information

Registered and presented full papers will be included in the ISoIRS 2026 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

### Important Dates

Abstract Submission Due	Jan. 13, 2026
Full Paper Submission Due	Jan. 27, 2026
Registration Due	Mar. 10, 2026