



NEWSLETTER

HONG KONG SOCIETY OF
ROBOTICS AND AUTOMATION

2025 4th International Conference on Frontiers
of Artificial Intelligence and Machine Learning

2025 International Symposium on Intelligent
Robotics and Systems

Conference

- FAIML 2025
- ISoIRS 2025

HKSRA

12 FLOOR, SAN TOI BUILDING, 139
CONNAUGHT ROAD CENTRAL, HONG KONG



APRIL 2025

FOR MORE INFORMATION

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FAIML 2025

2025 4th International Conference on Frontiers
of Artificial Intelligence and Machine Learning

Shenyang, China April 25 to 27, 2025

Organized by:  河海大学
HOHAI UNIVERSITY

Hosted by:  沈阳工业大学
SHENYANG UNIVERSITY OF TECHNOLOGY  沈阳航空航天大学
SHENYANG AEROSPACE UNIVERSITY

Introduction

2025 4th International Conference on Frontiers of Artificial Intelligence and Machine Learning (FAIML 2025), organized by Hohai University, hosted by Shenyang University of Technology and Shenyang Aerospace University, will take place in Shenyang, China from April 25 to 27, 2025.

Call for Papers

- Humanoid Robotics
- Artificial Intelligence in Modelling and Simulation
- Modelling and Simulating Complex Robots
- Distributed Intelligent Processing
- Multi-Robot Systems
- Evolutionary Robotics and Reactive Intelligence
- Robot Behavior Engineering



Keynote Speaker

Prof. Vladan Devedzic
University of Belgrade, Serbia

Biography: Vladan Devedzic is a Professor of Computer Science and Software Engineering at the University of Belgrade, Faculty of Organizational Sciences. He is the founder and head of the research group focused on Artificial Intelligence (GOOD OLD AI research network). He is also the founder of the Artificial Intelligence Laboratory at his home faculty. Since 2021, he has been a corresponding member of the Serbian Academy of Sciences and Arts (SASA) at the Department of Technical Sciences. Vladan Devedžić's continuous professional goal is to bring together ideas from the field of Artificial Intelligence / Intelligent Systems and Software Engineering. His current interests include artificial intelligence, programming education, software engineering, intelligent software systems, and technology-enhanced learning. He has authored/co-authored numerous research papers, published in international and national journals and edited books, or presented at international and national conferences. He has also authored/co-authored six books on intelligent systems and software engineering. He has also given more than 20 invited talks, keynote talks and plenary talks at international conferences, as well as more than 20 tutorials. His international research cooperation and collaboration record includes universities and research institutes from EU, USA, Canada, Japan, Australia, New Zealand, India and China. He received the Annual Award of the University of Belgrade for an outstanding research contribution (2006) and the award for one of the three best projects in the field of educational technologies at the annual Online Educa Berlin meeting, Berlin (2015).

2025 International Symposium on Intelligent Robotics and Systems

ISOIRS 2025

Site Chengdu, China

Date June 13-15, 2025

2025 International Symposium on Intelligent Robotics and Systems (ISOIRS 2025) will take place in Chengdu, China during June 13-15, 2025, which is technically co-sponsored by IEEE and IEEE Chengdu Section, and organized by University of Electronic Science and Technology of China, Zhengzhou University of Light Industry and Tongji University, and hosted by School of Automation Engineering, University of Electronic Science and Technology of China, and co-organized by Huazhong University of Science and Technology.

KEYNOTE SPEAKER



Prof. Shugen Ma

IEEE Fellow, AAIA Fellow, JSME Fellow, Foreign Fellow of the EAJ

The Hong Kong University of Science and Technology (Guangzhou), China

Speech Title: From Study of Biomimetic Robotics to Design of Environment-Adaptive Robots

Abstract: Nature systems that have bodies with many degrees of freedom are often considered the ultimate models for machines. To confer the motion performance advantage of animal systems on robotic machines, we conducted in-depth studies on the motion characteristics of biological systems at the biomechanical level. We then used the insights we obtained to develop intelligent biomimetic robots to achieve "intelligence," "environment adaptation," "flexibility," and "energy-saving." In this talk, I would like to introduce the snake-like robots we developed and share the research outcomes we reached. I will also provide some innovative designs of environment-adaptive robots for possible applications.

2025 5th International Symposium on Intelligent Robotics and Systems

Call for Papers

- Robot Intelligence
- Robot Learning
- Robot Legged Locomotion
- Robot Linguistics
- Robot Manipulation
- Robot Mechanism and Design
- Robot Motion Analysis
- Robot Motion Control
- Robot Motion Planning
- Soft Computing
- Software Agents
- Symbiotic Robotics System
- Medical Robots

Publication History

ISoIRS 2024
Changsha, China (On-site)
IEEE_CPS (ISBN: 979-8-3503-6479-8)

ISoIRS 2023
Changsha, China (Hybrid)
IEEE_CPS (ISBN: 979-8-3503-3996-3)

ISoIRS 2022
Chengdu, China (Virtually)
IEEE_CPS (ISBN: 978-1-6654-5521-3)

ISoIRS 2021
Chengdu, China (Virtually)
IOP_JPCS (ISSN: 1742-6596)

Special Session

Session I : Embodied Intelligence in Robot Locomotion

Session II : Human-Computer Interaction (HCI) in Intelligent Robotics and Systems

Session III: Environment Perception and Autonomous Navigation

Session IV: Visual Intelligence in Robot Localization

Session V : Unmanned Systems and Artificial Intelligence

Session VI: Dexterous Hands and Embodied Intelligence

Session VII: Swarm Intelligence Algorithms and Their Applications

Session VIII: Intelligent Robotics and Interactive Systems for Education

All accepted and presented papers will be included in ISoIRS 2025 conference proceedings (ISBN: 979-8-3315-4359-4), which will be published by IEEE and submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and also submitted to Ei Compendex and Scopus for indexing. All conference proceedings paper can not be less than 4 pages.