

International Conference on Advanced Robotics and Intelligent Systems (ARIS)

Aug. 24-26, 2026

Tainan, Taiwan



<https://ARIS2026.ncku.edu.tw/>

IMPORTANT DATES

- March 1, 2026
Paper submission opens
- April 15, 2026
Workshop proposal due
- April 15, 2026
Special session proposal due
- May 1, 2026
Submission deadline
- June 30, 2026
Decision notification
- July 15, 2026
Final camera-ready submission

Innovative AI Robotics
for the Real World

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The 2026 International Conference on Advanced Robotics and Intelligent Systems will be held at National Cheng Kung University (NCKU) in Tainan, Taiwan, from August 24-26, 2026. Jointly organized by the Robotics Society of Taiwan (RST) and NCKU, the conference provides an international forum for researchers and industry professionals to share new findings, exchange ideas, and explore collaboration opportunities. ARIS 2026 offers an excellent platform to present the latest innovations, research results, and emerging technologies. The conference welcomes interdisciplinary topics related to Advanced Robotics and Intelligent Systems.

AI & Learning for Robotics

- Robot Learning
- Reinforcement Learning
- Deep Learning for Robotics
- Imitation Learning
- Generative AI for Robotics
- Cognitive Robotics
- Sim-to-Real Transfer

Perception & Sensing

- Computer Vision for Robotics
- 3D Perception
- SLAM & Localization
- Lidar and Sensor Fusion
- Object Detection and Tracking
- Tactile and Haptic Sensing
- Multimodal Perception

Control & Planning

- Motion Planning
- Optimal and MPC
- Advanced Control Systems
- Trajectory Optimization
- Safe and Robust Control
- Intelligent Control Systems
- System Integration

Human-Robot Interaction

- Human-Robot Collaboration
- Socially Aware Navigation
- Human Behavior Modeling
- Human-Robot Interaction
- Affective and Social Robotics
- Brain Machine Interface
- Haptics and Teleoperation

Advanced Robotics

- Dexterous Manipulation
- Robotic Grasping
- Mechanism Design
- Robot Kinematics/Dynamics
- Mobile Robot Network
- Multi-Robot Systems
- Soft Robotics

Robotic Applications

- Humanoid Robotics
- Service and Social Robots
- Medical and Assistive Robotics
- Intelligent Manufacturing
- Agricultural Robotics
- Field and Mobile Robotics
- Autonomous Vehicles

You are cordially invited to submit papers presenting your latest research achievements.

Contributed Papers: Full papers should follow the standard two-column format. Papers of 4-6 pages will be included in IEEE Xplore.

Presentation-Only Papers: One-page extended abstracts are welcome to present late-breaking results. These abstracts will be scheduled for presentation in the conference.

Special Sessions: Special sessions typically consist of 5-6 papers and are encouraged to highlight a unifying theme from diverse perspectives.

Workshops: Workshop proposals on all relevant topics are invited. Workshops will be held prior to the main conference.

Paper submitted should be written in English. The official language of the conference is English.