

ARSO

Osaka 2025

2025 IEEE International Conference on Advanced Robotics and Its Social Impacts July 17th - 19th, 2025, Osaka, Japan

<https://ieee-arso.org>

Call for Papers

The 21st IEEE International Conference on Advanced Robotics and Its Social Impacts (ARSO 2025) will take place in JAM BASE, Osaka, Japan, July 17th-19th 2025. Advanced robots are expected to enter in promising applications in our future society and bring substantial impacts. The increasing implementation of AI-based components even broadens their fields of application. To ensure that these impacts are positively reflected, today, we need to extend views not only on technical aspects but also on social challenges that we might face, which include safety, regulation, ethics, human factors, and philosophy. The topics of ARSO 2025 include, but are not limited to the following:

- Human-robot interaction in physical & psychological aspects
- Safety standards for advanced robots & autonomous systems
- Legal and ethical issues for advanced robots
- Impact of robotics on society, e.g. robot business, marketing & economic impact
- Robotics for sustainability, climate change or civil aid
- Advanced industrial robots for future manufacturing
- Healthcare & medical applications
- Rehabilitation and transfer robotics
- Service & assistance applications
- Entertainment & education robotics
- Robotics & autonomous driving
- Bio-inspired robotics
- Soft and wearable robotics

Contributed Papers: All papers must be submitted in PDF format prepared strictly following the IEEE PDF Requirements for Creating PDF Documents for the IEEE Xplore®. For detailed format information, please visit the conference website. All accepted full papers are expected to be included in IEEE Xplore and will be indexed by EI.

Important Dates:

Submission of Organized Session Proposal: **Jan. 15, 2025**
Notification of Organized Session Acceptance: Jan. 24, 2025
Initial Paper Submission: **Feb. 28, 2025**
Notification of Paper Acceptance: Apr. 28, 2025
Deadline for Final Paper Submission: May 30, 2025

Organization:

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