ARSO

Hong Kong 2024

2024 IEEE International Conference on Advanced Robotics and Its Social Impacts

May 20-22, 2024, Hong Kong, China

https://ieee-arso.org/

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Call For Papers

The 20th IEEE International Conference on Advanced Robotics and Its Social Impacts (ARSO 2024) will take place in the Hong Kong Science and Science & Technology Parks (HKSTP), Hong Kong, China, May 20th-22nd 2024. 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 2024 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 Proposals: **Dec 14, 2023**
Organized Session Acceptance: **Dec 23, 2023**
Initial Paper Submission: **Jan 31, 2024**
Notification of Paper Acceptance: **Mar 1, 2024**
Deadline for Final Paper Submission: **Mar 31, 2024**