

**2022 IEEE International Conference on
Advanced Robotics and its Social Impacts****May 28-30, 2022, Long Beach, California, USA****CALL FOR PAPERS**

It is our great honor to announce the 18th IEEE International Conference on Advanced Robotics and Its Social Impacts (ARSO 2022), is to be held in **hybrid (in presence and online) format** on May 28-30, 2022, in conjunction with ICRA'22.

Advanced Robots are expected in their promising applications into various services dedicated to our society. The robots must bring great impacts to the society positively and might do negatively. Those impacts should be considered and discussed from viewpoint of not only technical solution but also the social issues, including safety, law, ethics, psychology and philosophy.

The topic of interest includes, but is not limited to the following:

- HRI and social robotics
- Safety issues of human-robot interactions in physical & psychological aspects
- Safety standards for advanced robots and autonomous systems
- Legal and ethical issues for advanced robots
- Robot business, marketing & economic impact
- Advanced industrial robots for future manufacturing
- Healthcare and medical applications
- Rehabilitation and transfer robots
- Service and assistance
- Entertainment and education
- Robotics and autonomous driving
- AI and robotics
- Bio-inspired robotics

COMMITTEE**Founding Chair:**

Toshio Fukuda, Meijo Univ., Japan

Honorary Chairs:

Oussama Khatib, Stanford University, USA

Kazuhito Yokoi, AIST, Japan

Advisory Board:

Kazuhito Yokoi, AIST, Japan; *Nobuto Matsuhira*, Shibaura Inst. Of Tech, Japan; *Katsu Yamane*, Bosch, USA; *Luis Sentis*, Univ. of Texas, USA; *Lorenzo Natale*, IIT, Italy; *Tatuo Arai*, Beijing Inst of Tech, China; *Hiromi Mochiyama*, Tsukuba Univ., Japan

General Chair:

Emel Demircan, California State University Long Beach, USA

Program Co-Chairs:

Taizo Yoshikawa, Honda R&D, Japan
Philippe Fraisse, Univ. of Montpellier, France
Tadej Petric, Joseph Stefan Institute, Slovenia
Sascha Wischniewski, Federal Institute for Occupational Safety and Health, Germany

Finance Chair:

Paolo Fiorini, Univ. of Verona, Italy

Publication Chair:

Martina Hassenjaeger, Honda Research Institute Europe, Germany

Publicity Chair:

Malika Meghjani, Singapore University of Technology and Design, Singapore

Local Arrangements Chair:

Jalal Torabzadeh, CSULB, USA

Important Dates:

Jan 15, 2022	Deadline for Organized Session Proposal
Feb 1, 2022	Notification of Organized Session Acceptance
Feb 15, 2022	Deadline for Initial Paper Submission
Mar 30, 2022	Notification of Acceptance
Apr 15, 2022	Deadline for Final Paper Submission

<http://ieee-arso2022.org>