ADVANCES IN ROBOTICS (AIR 2023)
JULY 5-8, 2023, IIT ROPAR

RSI

*Conference will be held in-person mode Check more details at www.advancesinrobotics.com

6ᵀᴴ INTERNATIONAL CONFERENCE OF THE ROBOTICS SOCIETY

Advances in Robotics (AIR) is a series of biennial conference organized by The Robotics Society (TRS). The conference aims to create a forum to present and exchange new ideas by researchers and developers from India and abroad working in the fields of robotics and its applications. The conference would have plenary talks, oral and poster presentations, doctoral symposium, start-up showcase and special industry oriented sessions. The previous editions of AIR's were held at R&DE, DRDO Pune (AIR 2013), BITS Pilani Goa (AIR 2015), IIT Delhi (AIR 2017), IIT Madras (AIR 2019) and IIT Kanpur (AIR 2021).

─── CALL FOR PAPERS (UPDATED) ───

Key Dates

Paper submission deadline (extended)	~~Dec 15, 2022~~ **Jan 31, 2023**
Acceptance notification (extended)	~~Feb 15, 2023~~ **March 31, 2023**
Camera ready submission	Apr 15, 2023
Workshop/Tutorial proposals open [Send your proposal at 2023@advancesinrobotics.com]	Nov 15, 2022
Acceptance notifications for workshops/tutorials	Jan 31, 2023

Organised by: IIT Ropar (Venue)

Indian Institute of Technology Ropar
Rupnagar, Punjab, India – 140001
Nearby Airport: Chandigarh International
Airport (IXC) – 52 Km

AIR 2023 Conference Proceedings will be published as ACM (Association for Computing Machinery) as International Conference Proceedings Series (ICPS) with ISBN No. 978-1-4503-9980-7.

Plenary and Keynote Speakers

AIR Conference invites highly reputed researchers to deliver plenary and keynote lectures. Finalized speakers shall be notified in the due course on the Conference website.

Industry oriented Panel Discussion

An exclusive interaction with industry oriented senior officials and professionals, is introduced – providing a platform for researchers, academicians, students to avail clarity on advancements, opportunities and recent developments.

Workshop and Tutorials

A full day workshop and/or tutorial may be held during the conference. The topic(s) of the workshop will be related to Robotics and its applications.

Doctoral Symposium

A symposium shall be held for the PhD students working in all areas relevant to the conference – providing them an opportunity to showcase their research work and interact with experts in the field. Outstanding works will be awarded.

ORGANISING COMMITTEE

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Prof. Rajeev Ahuja,
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6TH INTERNATIONAL CONFERENCE OF THE ROBOTICS SOCIETY

AIR 2023 invites unpublished research work in the following fields:

- Kinematics, Dynamics and Control of Robotic Systems
- Mechanisms Design and Analysis
- Manipulation and Grasping
- Human Robot Interaction
- Intelligent Sensors and Actuator Systems
- Machine Learning and Artificial Intelligence for Robotics
- Medical, Rehabilitation and Assistive Robotics
- Bio-Mimetic and Bio-Inspired Robotic Systems
- Localization and SLAM
- Climbing and Flying Robot
- Swarm Robotics
- Humanoid Robots
- Collaborative Robots/Cobots
- Virtual Reality and Haptics
- Flexible Manipulators and Soft Robotics
- Robotics for Industry 4.0
- Warehouse Robotics and Automation
- Agricultural and Ocean Robotics

(This is only a representative list. Any other relevant topics are also considered.)

Registration fees*

Category	General (INR)	TRS Members (20% discount):
Indian Delegates		
Govt. R&D and Academic Institutes	8850 (7500 + 18%)	7080
Industry	14160 (12000+18%)	11328
Students	5900 (5000 + 18%)	4720
International Delegates		
Academics and Industries	16000 (USD 200)	12,800 (USD 160)
Students	8000 (USD 100)	6400 (USD 80)

18% GST is included

Format for initial submission

- Initial submission is in single column format without page limit, but the authors need to ensure/check that the same content will fit in a two column format within 6 pages for final camera ready submission.
- Authors are hereby informed that AIR2023 conference is following a strict double-blind review process. The authors should not reveal their identity in the paper.
- Author names should not be mentioned, else the paper will get rejected without review.
- Upon paper acceptance, you will receive an email notification regarding further instructions. Template for the submission of accepted papers will be separately uploaded later.
- AIR 2023 Conference Proceedings will be published as ACM (Association for Computing Machinery) as International Conference Proceedings Series (ICPS) with ISBN No. 978-1-4503-9980-7.

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Contact Sponsorship Chairs through email at *2023@advancesinrobotics.com*

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Registration, Lodging, Local Travel, Gala Dinner and AIR-23 T-Shirt for upto 2 representatives.

Silver Sponsor — Rs 2,50,000/-
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Bronze Sponsor — Rs 1,00,000/-
Logo: Website/Banners/Exhibition/Background during talks
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