

Advances in Robotics (AIR 2017)

3rd International Conference of Robotics Society of India

June 28-July 2, 2017

Indian Institute of Technology Delhi, New Delhi, India



FINAL CALL FOR PAPERS

Advances in Robotics (AIR) is a series of biennial conference organized by the Robotics Society of India. 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, and special industry oriented sessions.

AIR 2017, will be held at IIT Delhi, New Delhi, during June 28-July 2, 2017. The previous two editions of AIR were held at R&DE, DRDO Pune (AIR 2013) and BITS Pilani Goa Campus, Goa (AIR 2015). The conference website is <http://www.advancesinrobotics.com>.

Contributed Papers

The organizers of the conference invite unpublished research work in the following fields of Robotics (Representative list. Can include other related topics):

- Kinematics, dynamics, control and simulation of autonomous intelligent systems
- Design of robotic mechanisms
- Man-machine interface and integration
- Robotics-related computer hardware, software, and architectures
- Navigation of Unmanned vehicles – ground, aerial, underwater, etc.
- Machine learning and artificial intelligence for robotics
- Bio-mimetic and Bio-inspired Robotic Systems
- Vision and other non-contact sensory systems
- Tactile and other contact sensory technology
- Active sensory processing and control
- Medical and Assistive Robotics
- Swarm Robotics
- Humanoid Robots
- Safe Robots
- Robotic Hand
- Virtual Reality & Haptics
- Tele-robotics

Plenary Speakers

- **Prof. Peter Corke**
Queensland Univ. of Tech., Australia
- **Prof. Nancy Amato**
Texas A&M Univ., USA
- **Prof. Burkhard Corves**
RWTH Aachen Univ., Germany

Workshop and Tutorials

A full day during the conference is dedicated to workshop and/or tutorials will be held in parallel, in robotics topics.

Doctoral Symposium

A symposium will be held involving presentation from PhD students working in all areas of robotics. It would provide an opportunity to showcase their ongoing research work and interact with experts in the field for feedback. **Research scholar's PhD supervisors are also required to attend for consideration for Best Doctoral Symposium Award.**

Submission Instructions

The authors have to follow ACM format of double column, within a 6 page limit. The submitted papers will be double blind peer-reviewed to determine acceptance.

Proceedings

The accepted papers, after incorporation of reviewer's comments, will be published by ACM (Association for Computing Machinery) as ACM-ICPS (International Conference Proceedings Series).

Registration

Indian Delegates:

Govt. & Academic Institutes	: Rs. 6,000
Industries	: Rs. 10,000
Students	: Rs. 3,000
Discount for RSI members	: Rs. 1,000

International Delegates:

Academic & Industries	: USD 550
Students	: USD 350

Important Dates

Full Paper Submission Deadline: **Mar 7, 2017**
Announcement of Results: May 15, 2017
Camera Ready Version: May 31, 2017
Doctoral Symp. Deadline: May 10, 2017
Doctoral Symp. Results: May 30, 2017
Conference: June 28- July 2, 2017

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