



The Robotics Society

ADVANCES IN ROBOTICS

AIR 2019

4th International Conference of The Robotics Society
Indian Institute of Technology Madras,
Chennai-600036, India

02-06 July 2019

DOCTORAL SYMPOSIUM

The AIR 2019 Doctoral Symposium will be held on 6th July 2019. The symposium involves presentations by PhD students working in all areas of robotics. It would provide an opportunity to showcase the ongoing research work and facilitate interaction with experts in the field for their valuable feedback. Both the student and the research advisor shall attend. More details including paper submission link can be found at conference website, <http://advancesinrobotics.com/2019/doctoral-symposium/>.

Call For Papers

The organizers of the conference invite short papers from Ph.D research scholars in the following fields of robotics (representative list only, can include other related topics as well):

- Kinematics, dynamics, control and simulation of autonomous intelligent systems
- Design of robotic mechanisms
- Robotics-related computer hardware, software, and architectures
- Navigation and control of unmanned vehicles – Ground, Underwater
- Machine learning and artificial intelligence for robotics
- Tactile and other contact sensory technology
- Medical, rehabilitation and assistive robotics
- Bio-mimetic and bio-inspired robotic systems
- Man-machine interface and integration
- Vision and non-contact sensory systems
- Active sensory processing and control
- Drones and drone applications
- Virtual reality and haptics
- Swarm robotics
- Humanoid robots
- Tele-robotics
- Soft robotics

Submission Instructions

All submissions must be limited to 2 pages of the two-column IEEE Conference Proceedings format, (covering the research objectives, motivation for research, proposed methodology, current status of the research, and future challenges). These submissions will be made available in a handout during the symposium.

Submissions from students both at early and late stages of their doctoral work are encouraged.

Only those students who attend along with their supervisors will be eligible for presentation.

Dates To Remember

Submission deadline	: 15 April 2019
Announcement of results	: 30 April 2019
Symposium date	: 06 July 2019

Registration

All the selected participants for the symposium need to register for the conference (along with their guides). Those who register for the symposium can attend the conference and tutorials.

Registration Fee:

Full-time students	: Rs. 3,000
(with a valid ID)	
20% discount for TRS members	

International Delegates:

Students	: USD 100
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Organizing Committee

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Director, IIT Madras

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Plenary Speakers

Prof. Blake Hannaford

Professor and Director,
Bio robotics Laboratory,
University of Washington, USA

Prof. Eduardo Nebot

Director,
Australian Centre for Field Robotics
University of Sydney, Australia

Prof. Jan Peters

Dept. of Computer Science,
Technische Universitat
Darmstadt, Germany



Doctoral Symposium Organizers

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