



3rd SERB Summer School on Robotics

Indian Institute of Technology Delhi, India

June 23-28, 2017



Web: robotics.iitd.ac.in/ARL/?q=serb-school-robotics

Introduction

Indian Institute of Technology Delhi, in association with the Science and Engineering Research Board (SERB) of the Department of Science and Technology, Govt. of India, is organizing the **3rd SERB School on Robotics** at IIT Delhi from 23rd to 28th June, 2017. Robotics being a rapidly growing field, research, design, and development of new applications play a vital role in taking the Indian industry to new heights. The objective of the workshop is to provide the participants a comprehensive coverage of the theory and practice in the area of robotics, to prepare them to take up advanced research. The school will also help faculty members of a robotics course to structure their curriculum and deliver lecture contents. Following this school, there will be the *3rd International Conference of the Robotics Society of India AIR 2017* at IIT Delhi.

Eligibility

Engineering faculty from colleges all over the country, including private and CFTI, will be the participants. Few seats will be available to research students working in the area of robotics. Practitioners are also encouraged to take part. All attendees of this school are invited to participate in AIR 2017.

About the Course

Fundamental topics:

- Robot kinematics and Dynamics
- Robot control
- Embedded system in robotics

The lectures will cover core knowledge in the above areas which are typically taught at UG/PG level. Discussions on future research directions in the area of robotics will take place. Demonstrations on how to write project proposals will be done by experts. There will be practical, action-oriented training and interactive sessions with the participants to discuss how to collaborate within. Appropriate visits are also planned for the conference attendees.

Faculty

Core faculty will be selected from top Indian academic institutions and research centers. List of faculty will be made available on the website.

Travel and Accommodation

No TA/DA will be paid for attending the school but free hostel accommodation within the campus will be provided to all the candidates for the period June 22-29, 2017 (7 nights).

Online Registration (no fees charged) will be open till May 21, 2017. For more applications, screening will be done and results will be uploaded on the website tentatively by May 31, 2017.

Expert Advisory Committee

Prof. G. C. Nandi, IIIT Allahabad
Prof. Ashish Dutta, IIT Kanpur
Dr. K. Madhava Krishna, IIIT Hyderabad
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Organising Committee

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Co-Chairman: Prof. Sudipto Mukherjee, IIT Delhi
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Contact: For any queries, drop us an email at ssr.iitd.2017@gmail.com.