

About

The Symposium on Control, Communication and Embedded System for Robotics (SOCCER 2020), with an aim of exploring the research and development work pertaining to intelligent control, deployment of intelligent and nonlinear control and embedded control for robotic system emerging for non-standard operating environment. SOCCER 2020 aims to bring the researchers, academicians, industry and government personnel together to share and discuss on the various aspects robotics. The symposium will witness eminent keynote speakers from academia and industry from all over the world along with the presentation of accepted peer-reviewed articles.

Best Paper Award

The best paper award will be given to the study which will be selected by the committee among the presented papers in SOCCER 2020. An award committee will be recommended by the advisory committee and the nominees will be evaluated with blind peer review system. Study's relevance to the symposium's scope, its scientific contribution, writing/presentation style will be considered in the evaluation process.

Publication

The after conference proceeding of SOCCER 2020 will be published in Springer Book Series Smart Innovation, Systems and Technologies.

Authors are invited to submit full length paper and have to present the final unpublished articles during the conference. The accepted and presented papers will be considered for the publication. For detailed paper submission guidelines, please see the conference website



SOCCER
3rd-4th October
2020



International Symposium
on Control,
Communication and
Embedded System for
Robotics
[VIRTUAL Symposium]

Organized By:
Electrical Engineering Department, NIT Silchar
in collaboration with Dalhousie University,
Canada

Sponsored By: SPARC, MHRD, Govt. of India

Contact Us

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Symposium will be held in Google Meet
<http://soccer2020.nits.ac.in/>

Topics

Topics of interests include, but are not limited to the followings

- Intelligent control over wireless network
- Control of space vehicles
- Control problems of Haptic devices, Telemanipulation, Networked robots
- Robot control (adaptive, robust, learning)
- Force and compliance control
- Multi cooperative control
- Sensory based robot control
- Compact and efficient power for robots
- Industrial robot control applications for manufacturing
- Application of time-delay for robotic systems
- Embedded control design for network control robots and industrial robotic systems
- Medical robotics.
- Electric Vehicle
- Machine learning for robotics
- Robotic surveillance of Electric Power system
- Control of Grid to Vehicle (G2V) System
- Electric drives for robots
- Energy efficient robotic system
- Robots for SMART building infrastructure
- Mechatronics Theory and Applications
- SMART Mobility Aids
- Robotics and control for COVID 19
- Soft computing techniques in robotic applications

Committee

Patron

Prof. Sivaji Bandyopadhyay,
Director, NIT Silchar, Assam, India

Program Chair

Prof. Jason Gu, Electrical and
Computer Engineering, **Dalhousie University, Canada**

Prof. Nalin B Dev Choudhury, HoD,
Electrical Engineering, **NIT Silchar**

Technical Chair

Prof. Binoy Krishna Roy, Electrical
Engineering, NIT Silchar, Assam,
India

Prof. B. Bandyopadhyay, IIT
Bombay, India

** For details please visit the
website

Registration for virtual symposium

Indian Participant

Foreign Participant

	Students
<input type="radio"/>	Rs. 500
	Faculty
<input type="radio"/>	Rs. 1000
	Industry
<input type="radio"/>	Rs. 1000

	Students
<input type="radio"/>	\$ 10
	Faculty
<input type="radio"/>	\$20
	Industry
<input type="radio"/>	\$ 20

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