CyPhySS-2022

28th - 30th July, 2022 at Indian Institute Of Science, Bengaluru

Organised By

Robert Bosch Centre for Cyber-Physical Systems,

Indian Institute of Science

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https://cps.iisc.ac.in/cyphyss2022/

ABOUT CyPhySS 2022

This will be the sixth Annual Symposium on Cyber-Physical Systems (CyPhySS 2022) organised by IISc, Bengaluru, India. The goal of the CyPhyS Symposia is to bring eminent researchers in the area of CPS together, have them interact with students and researchers from all over the country, share ideas and interesting applications, and identify challenging research directions in CPS.
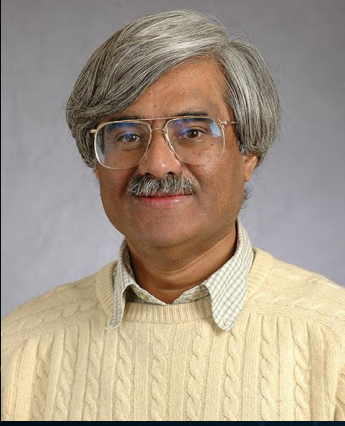
For more information, please visit
https://cps.iisc.ac.in/cyphyss2022/

EVENTS

- Keynotes
- Tutorial Sessions

- Invited Talks
- Research Presentations

Topics covered

- Robotics and Autonomous systems

- Control and Optimization

- Artificial Intelligence and Machine Learning

- Smart Grids, Health Care and Transportation

KEYNOTE SPEAKERS

Prof. Mohan M. Trivedi
(University of California
San Diego)

Prof. Marimuthu Palaniswami
(University of Melbourne)

Dr. Arpan Pal
(TCS Research, India)

INVITED SPEAKERS

Dr. Sourabh Bhattacharya
(Iowa State University)

Dr. Phanindra Tallapragada
(Clemson University)

Dr. Ashish Cherukuri
(University of Groningen)

Dr. Bamdev Mishra
(Microsoft India)

Prof. Jayashri Vajpai
(MBM University)

Dr. Jyotirmoy Deshmukh
(University of
Southern California)

Mr. Sagar Pathrudkar
(Siemens, India)

Ms. Saadhana Venkataraman
(Siemens, India)

Dr. Mukunda Bharatheesha
(ARTPARK)

TUTORIAL SPEAKERS

Prof. Aranya Chakrabortty
(North Carolina State University)

Dr. Sourabh Bhattacharya
(Iowa State University)

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ABOUT RBCCPS

The Robert Bosch Centre for Cyber-Physical Systems (RBCCPS) was established as a centre of the Indian Institute of Science in 2011 in order to promote research in the areas of embedded cyber-physical systems encompassing sensor technology, microsystems, signal processing, communication, computation, control, and software and systems engineering. Our research focuses on foundational aspects of CPS and Internet of Things (IoT) technologies. The distinguishing feature of research at the RBCCPS is that it brings together expertise from various departments at the Indian Institute of Science to solve pressing societal scale problems in healthcare, transportation, infrastructure and utility services, etc. For more information on some exciting research at the centre, please visit: cps.iisc.ac.in

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