



IIT Kharagpur Platinum Jubilee Workshop

Securing Cyber-Physical Systems: *Algorithms, Learning, and Games*



26–27 October 2026

IIT Kharagpur

Invited Speakers & Students

ABOUT THE WORKSHOP

This two-day workshop brings together leading researchers and doctoral students to explore computational and mathematical methods for ensuring the security and resilience of cyber-physical systems (CPS). Spanning foundational theory, algorithmic design, and real-world applications to critical infrastructure — power grids, communication and financial networks — the programme features seven invited talks by experts in control, statistics, machine learning, game theory, and operations research. The workshop fosters in-depth exchange between speakers and invited doctoral students from institutions across India, as part of IIT Kharagpur's Platinum Jubilee Celebrations.

CONFIRMED SPEAKERS

AC

Arpan ChattopadhyayDept. of Electrical Engg., IIT
Delhi

NH

N. Hemachandra

Dept. of IEOR, IIT Bombay

AB

Ayanendranath BasuInterdisciplinary Statistical
Research Unit, ISI Kolkata

BS

Bharadwaj SatchidanandanDept. of Electrical Engg., IIT
Madras

RA

Rajasekhar AnguluriDept. of Electrical Engg., IIT
Bombay

AB

Abhishek BhardwajFinance Area, Indian School of
Business, Hyderabad

VK

Vaibhav KatewaDept. of ECE & Robert Bosch
Centre for CPS, IISc Bangalore

TENTATIVE PROGRAMME OUTLINE

Day 1 Monday, 26 October 2026

FORENOON

09:30 – 09:45 Inauguration & welcome**09:45 – 11:00** Invited talk 1
Bharadwaj Satchidanandan**11:00 – 11:30** *Tea break***11:30 – 12:45** Invited talk 2
Arpan Chattopadhyay**12:45 – 14:30** *Lunch break*

AFTERNOON

14:30 – 15:45 Invited talk 3
Ayanendranath Basu**15:45 – 17:00** Invited talk 4
Vaibhav Katewa**19:00 onwards** *Workshop dinner*

Day 2 Tuesday, 27 October 2026

FORENOON

09:30 – 10:45 Invited talk 5
Rajasekhar Anguluri**10:45 – 11:15** *Tea break***11:15 – 12:30** Invited talk 6
N. Hemachandra**12:30 – 14:30** *Lunch break*

AFTERNOON

14:30 – 15:45 Invited talk 7
Abhishek Bhardwaj**15:45 – 16:30** Panel discussion: Open problems in CPS security**16:30 – 17:00** Student presentations & closing remarks

ORGANISERS

Ashish R. Hota
IIT Kharagpur**Prabhat K. Mishra**
IIT Kharagpur**Debasish Chatterjee**
IIT BombayIndian Institute of Technology Kharagpur · **Platinum Jubilee 2026**

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