

# IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT 2023) 14-16 July, 2023 | Venue: Ramaiah Institute of Technology, Bangalore, India | <https://ieee-conecct.org/>

## Track - G: Distributed Signal Processing for Cyber-Physical Systems (CPS)

### About CONECCT 2023

International Conference on Electronics, Computing and Communication Technologies, (CONECCT) is a flagship conference of the IEEE Bangalore Section, India. The CONECCT 2023 is in its 9th edition and will be held from July 14-16, 2023. The conference will feature plenary talks, tutorials, and invited papers by distinguished researchers and technologists as well as contributed papers from academics and industry professionals. Peer-reviewed accepted papers will most likely be published in IEEE Xplore as well as conference proceedings.

Cyber-Physical Systems (CPS) are transforming the way people interact with engineered systems. These integrate sensing, computation, control, and networking into physical objects and infrastructure, connecting them to the internet and to each other. Robots, intelligent buildings, implantable medical devices, and autonomous cars are all examples of CPS. These systems and their applications are cardinal in addressing challenges faced by policymakers and technologists.

### Track - G : Distributed Signal Processing for CPS

With CPSs emerging, performing secure and distributed signal processing are of tremendous importance. With this mission, this track aims at providing a platform for researchers, academicians, industry professionals and students to showcase their research pertaining to the following fields but not limited to:

- Distributed Estimation, Control and Tracking in Cyber-Physical Networks
- Privacy and Security Aspects of Estimation and Control Algorithms
- Distributed Non-Linear Signal Processing
- Distributed Data Collection in Cyber-Physical Systems
- Cyber-Physical Security and its Applications in Smart Grids
- Adaptation and Learning in Networked Agents
- Distributed Inference and Management of Cyber-Physical Networks
- Autonomous Navigation and Robotics
- Networked Control Systems and Event Based Estimation

### TRACK CHAIR

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### IMPORTANT DATES

Full Paper Submission: 5 March, 2023  
Acceptance Notification: 26 April, 2023  
Final Manuscript Submission: 22 May, 2023  
Conference Date: 14-16 July, 2023



### AWARDS

Track Best Paper Award (Academia): INR 4K  
Track Best Paper Award (Industry): INR 4K  
CONECCT Best Paper Award (Academia): INR 20K  
CONECCT Best Paper Award (Industry): INR 20K



**CMT Submission Link:** <https://cmt3.research.microsoft.com/CONECCT2023/>