



**BANGALORE CHAPTER**



**IEEE**  
BANGALORE SECTION



IEEE Systems Council (<https://ieeesystemscouncil.org/>) promotes, encourages, and supports the technical, academic and application aspects of systems engineering and systems thinking.

In the upcoming IEEE CONECCT 2023 (<https://www.ieee-conecct.org/>), the flagship conference of IEEE Bangalore Section, we have the track from the Systems Council Bangalore Chapter: Track-P: Formal Validation, Verification, and Testing Methods for Cyber-Physical Systems (CPS).

IEEE Bangalore Section Systems Council Chapter invites academicians, researchers, and industry practitioners to consider submitting papers for this track and share their research findings and practical experiences

## **Track-P: Formal Validation, Verification, and Testing Methods for Cyber-Physical Systems (CPS)**

Specific topics (including but **not limited to**):

- System aspects pertaining to CPS
- System validation of CPS
- Wireless sensor networks
- IOT application to CPS
- AI-ML applications for CPS
- Formal methods for CPS
- Validation Verification and Testing Methods for CPS
- Security Trust Privacy and Fault Tolerance for CPS
- Specific cases addressing systems perspectives
- Soft sensing and sensor deployment for CPS

Practical implementation case studies in any of the above are also encouraged.

Full Paper Submission: 5 March 2023 (Hard Deadline)

Acceptance Notification: 26 April 2023

Track Chairs:

Dr Yogananda Jeppu,  
Fellow,  
Honeywell Technology Solutions

Prof Shreesha Chokkadi,  
HOD - Dept of Instrumentation and Control Engineering,  
Manipal Institute of Technology



Conference Website: <https://www.ieee-conecct.org/>