

IEEE CONECCT 202314-16 July, 2023 | Venue: Ramaiah Institute of Technology, Bangalore, India | <https://ieee-conecct.org/>**Cyber-Physical Systems: Intelligent, Connected and Trusted****Call for Papers**

International Conference on Electronics, Computing, and Communication Technologies (CONECCT) is a flagship conference of the IEEE Bangalore Section, India. The CONECCT 2023, in its 9th edition, 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 academia and industry. Accepted and presented papers will be copyrighted to IEEE and published in conference proceedings, and will be submitted for possible inclusion in the IEEE Xplore® Digital Library.

Cyber-Physical Systems (CPS) such as intelligent buildings, robots, implantable medical devices and autonomous cars are transforming the landscape of engineered systems. CPS integrate sensing, computation, control, and networking into physical objects and infrastructure, connecting them to the internet and to each other. The theme for this conference focuses on the technologies, tools, architectures, and infrastructure pertaining to CPS. Authors are invited to submit only original papers (written in English) not published or submitted for publication elsewhere. Please visit conference website for submission instructions.

Call for Tutorials

Tutorial proposals are invited on topics pertaining to the theme of the conference. The proposal must not contain a sales presentation for the presenter or the presenter's company, and shall not contain proprietary data. Please visit conference website for submission instructions

Submission Tracks

- Track-A** Data Scale, Reliability, Security and Privacy Challenges in CPS
- Track-B** Cloud Integration and Cognitive Computing for Cyber-Physical Systems
- Track-C** Network-wide Programming for CPS
- Track-D** Machine-type Communications over Wireless (B5G/6G) Communications
- Track-E** Cyber-physical systems for geoscience and remote sensing
- Track-F** CPS Platform for Intelligent Transportation System
- Track-G** Distributed Signal Processing for CPS
- Track-H** Sensors, Actuators, and Applications in CPS
- Track-I** Smart circuits and System design for CPS
- Track-J** Cyber-Physical System Aspects in Antenna Design
- Track-K** Photonics and Quantum Technologies
- Track-L** Energy Management in Grids and Micro-grids
- Track-M** CPS System Approach to Power Electronics
- Track-N** Robotics and Smart Systems in Cyber Context
- Track-O** Controls and Optimization for CPS
- Track-P** Formal Validation, Verification, and Testing Methods for Cyber-Physical Systems
- Track-Q** Network of Smart Appliances as CPS
- Track-R** Cyber-Physical System Architecture for Smart Healthcare
- Track-S** Influence of Social Networks on CPS
- Track-T** Exploration in Cyber-Physical System Education
- Track-U** CPS in Aerospace Systems

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Important Dates**Portal Opening for Submission:** 15 November, 2022**Full Paper Submission:** 5 March, 2023**Acceptance Notification:** 26 April, 2023**Final Manuscript Submission:** 22 May, 2023**Tutorial Proposal Submission:** 15 March, 2023**Tutorial Acceptance Notification:** 31 March, 2023

Please visit conference website for submission instructions

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