

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/>

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 B: Cloud Integration and Cognitive Computing for Cyber-Physical Systems

Cognitive Cyber-Physical Systems (CCPS) plays a significant role as an interdisciplinary technology that blends physical components and computing devices to enable the artificial intelligence /machine learning based solutions. This track focuses on intelligent cyber physical systems, where a machine can sense the required data and compute efficiently for making the right decision in any complex situation. It aims at providing a platform for researchers, academicians, industry professionals and students to publish their papers on the following fields but not limited to:

- Cognitive Cyber-Physical Systems with AI Based Solutions in Medical Informatics
- Cognitive Data and knowledge management in Cloud
- Machine Learning Algorithms for building CCPS
- Intelligent and Multi-Modal Cognitive Systems
- CPS empowered by Cloud technologies
- Reliability and security challenges in cloud computing for CCPS
- Deep Learning and Cybersecurity
- Impact of AI-based solutions on CPS performance
- IoT in CCPS
- Data rich infrastructures and AI paradigms for CCPS

Track Chair:

Dr.Vijaya Kumar B.P , Professor,
Dept. of ISE, MSRIT

Track Co-Chair

Dr.Megha Arakeri, Associate Professor,
Dept. of ISE, MSRIT

Important Dates

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

