



IEEE
BANGALORE SECTION



IEEE International conference on Electronics,
Computing and Communication Technologies (CONECCT2023)
14-16 July 2023, Venue : RAMAIAH INSTITUTE OF TECHNOLOGY,
Bangalore, India | <https://ieee-connect.org/>

Track-J: Cyber-Physical System (CPS) Aspects in Antenna Design

About Conecct 2023

Intentional 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 and will be held from July 14-16, 2023. The conference will feature plenary talks, tutorials, and technologists as well as contributed papers from academics and industry professionals. Peer-reviewed accepted papers will most likely be published in IEEEExplore 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 in to 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 policy makers and technologists.

The track CPS aspects in antenna design is aimed at providing a platform of sharing the research and thoughts of researchers, industry professionals, Academicians and students working in the domain of antennas and related areas to publish their papers on the following themes but not limited to:

- Antennas for CPS: Antenna theory and applications
- Antennas for CPS: Array signal processing
- Antennas for CPS: Material, Fabrication, Simulation, Modelling, Validation and Testing
- Antennas for CPS: Applications towards IOT, IOE, V2V, IOS, etc.
- Antennas for CPS: Computational and Optimization Techniques
- Antennas for CPS: Radar systems/ Communications/ Propagation
- Antennas for CPS: Healthcare infrastructure/ Bio-medical applications
- Antennas for CPS: Role of Human and interactions between safety and security
- Antennas for CPS: Antenna Measurements and Characterization
- Antennas for CPS in the following areas (but not limited to): autonomous transportation system, control system in critical infrastructure, smart manufacturing and process plants, smart medical devices, production units control, AI/machine learning techniques in antenna design, etc.
- CONECCT Best Paper Award: INR 20000 + certificate one each for industry and academia
- Track Best Paper Award: INR 4000+ certificate one each for industry and academia*

*Affiliation of majority of authors will decide the category

*Total number of papers shall be >10 in the track for selection

- Early bird registration discount, IEEE member, student member discounts CMT Submission link:
<https://cmt3.research.microsoft.com/CONECCT2023>

Track Chair

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Important Dates

Full Paper Submission : 05, March, 2023
Acceptance Notification : 15 April, 2023
Final Manuscript Submission : 15 May, 2023
Conference Dates : 14-16 July, 2023

