

**IEEE International Conference on Electronics, Computing and Communication Technologies – 9<sup>th</sup> Edition (CONECCT 2023)**

14-16 July, 2023 | Venue: Ramaiah Institute of Technology, Bangalore, India | <https://ieee-conecct.org/>

**Track – C: “Network-wide Programming for CPS” → focused on Information Theory, Systems and Networks**

### IEEE CONECCT 2023

Is 9<sup>th</sup> edition of International Conference on Electronics, Computing and Communication Technologies, a flagship conference of the IEEE Bangalore Section. 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 C – Network-wide Programming” featured by IEEE Bangalore Information Theory Society Chapter**

**Encourages and Invites** papers from Industry, Researchers, Academicians and students on in the domain of Information Theory, Systems and Networks of the following themes (but not limited to):

- Coding and Information Theory, Algorithms
- Distributed Storage, Computing, Data Centers, Cloud, Edge
- Information Retrieval, Processing over the Network and Visualization
- Information Decision Theory
- Information and Knowledge Management Systems
- Semantics in Information Networks
- Information Security, Cryptography, Blockchain
- Quantum Information Theory
- Performance analysis, profiling and acceleration of information processing
- Domain specific Information models, Taxonomies and Emerging Applications
  - Communication networks (Telecom, Enterprise, Edge, Social-Media),
  - Healthcare, Agriculture,
  - Industrial Automation, Defense,
  - Banking, Finance, etc...

### IEEE Bangalore ITSoc:

IEEE Information Theory Society (ITSoc) is a leading technical society that focus on the processing, transmission, storage, and use of information, as well as the foundation of the communications process. Technical interests encompass theoretical and applied aspects of coding, communications, and networks.

### Track Chair, Co-Chairs:

Dr. D. Jagannadham, HPE (Chair)  
 Dr. S. Uma, BMSCE (Co-Chair)

### Track Advisors:

Dr. Parameshchari B D, NMIT (ITS - Past Chair)  
 Dr. Rahul Sinha, TCS (ITS VC)  
 Mr. Ravishakar N. Murthy, Censa (ITS VC-IAC)  
 Dr. B Pardhasaradhi, Continental (ITS VC-SAC)  
 Mr. DILIP KUMAR D., CAIR, DRDO (ITS Co-Chair)  
 Mr. Rajesh K M, Luxoft India, (ITS SAC Co-Chair)



### \* Awards & Discounts:

1. Track Best Paper Award (Academia): INR 4K
2. Track Best Paper Award (Industry): INR 4K
3. CONECCT Best Paper Award (Academia): INR 20K
4. CONECCT Best Paper Award (Industry): INR 20K
5. EARLY BIRD Registration Discounts
6. IEEE Member, Student Member Discounts

\* Please Refer conference website for details & dates.