# IEEE Bangalore VTS
## Connecting the Mobile World

# IEEE BANGALORE SECTION

# CONECCT 2023

# IEEE Vehicular Technology Society (VTS) Connect 2023 has initiated a track (F) – "CPS Platform for Intelligent Transportation System (ITS)"

**VENUE :- RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE, INDIA**

## IEEE INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTING AND COMMUNICATION TECHNOLOGIES (CONECCT 2023) 14 - 16 July, 2023

## ABOUT CONECCT 2023

The International Conference on Electronics, Computing and Communication Technologies (CONECCT) is a flagship conference of the IEEE Bangalore Section, India. CONECCT 2023 is in its 9th edition and will be held during 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 would be submitted for possible publication to IEEEXplore. All previous edition of conference proceeding is published in Xplorer and index in scopus. The theme of the conference is around Cyber–Physical Systems (CPS).

IEEE Vehicular Technology Society (VTS) has initiated a track (F) – "CPS Platform for Intelligent Transportation System (ITS)" and invite all researchers, experts, practitioners, scholars to submit their original work/research/findings to this track. Work related to all areas of vehicular technology, Intelligent Transportation systems, safety and security in vehicles, onboard unit, road side units, etc. The following areas, CPS usage and applications (however, not limited to) can be considered for the submission.

- Vehicular Networks.
- Intelligent transportation systems. (land transports, railway, air, marine).
- ADAS (Advanced Driver Assistance Systems).
- Vehicular Infotainment , Digital Cockpit.
- Connectivity, Telematics.
- Vehicle dynamics.
- Autonomous Vehicles.
- Safety, Security, Reliability in Autonomous vehicle.
- Drone to drone communication.
- CPS in V2X communication technologies, including DSRC, C-V2X, 5G/6G, and emerging technologies like VLC, mmWave, THz, or massive MIMO, beamforming.
- Networking, transport and QoS management for vehicular networks.
- In-vehicle communication and networking systems
- Platforms for simulation, emulation, prototyping, measurement, field-trials, and real-world deployment of vehicular networks
- Optimization techniques (e.g., linear programming, machine learning) with unique benefits for vehicular applications
- Modeling, design, and analysis of vehicular networks and applications
- Automotive Software Engineering Agile, DevOps, MLOps, AIOps, Continuous Delivery.
- Vehicle-to-infrastructure
- Electrical/Electronic (E/E) Architecture
- Electrical Vehicles (Battery, Electric Motor, Electric Control)
- High Performance Computing and Autonomous Vehicle.
- AI/ML/DL in Vehicular Technology.

### Important Dates
Portal Opening for Submission : 15 Nov, 2022
Full Paper Submission : 5 March, 2023(Hard deadline)
Acceptance Notification : 26 Apr, 2023
Final Manuscript Submission : 22 May, 2023
Tutorial Proposal Submission : 15 March, 2023
TutorialAcceptance Notification : 31 March, 2023

### Best Paper Awards
CONECCT Best Paper Award Rs. 20,000/- & Certificate
(1 academia and 1 industry category)
Track Best Paper Award Rs. 4000/- & Certificate
(If track receives >= 10 but < 20 papers then one common best track paper award. If submissions >= 20, then separate track best paper awards in industry and academia.)

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**Submit your Paper - CMT Submission Link : https://cmt3.research.microsoft.com/CONECCT2023/**