CPS SYSTEM APPROACH TO POWER ELECTRONICS

IEEE CONECCT 2023 **July**

International Conference on Electronics, Computing and Communication Technologies, (CONECCT) is a flagship conference of the IEEE Bangalore Section, India. The power electronics track with a focus on cyber-physical systems (CPS) system approach to Power Electronics invites submissions of original research from prospective authors for CONECCT 2023 taking place from July 14- 16th, 2023 at Ramaiah Institute of Technology, Bangalore, India.

CPS is of tremendous importance since its emerging, highly performing, and secure in power electronics applications. With this mission, this track aims at providing a platform for researchers, academicians, industry professionals, and students to showcase their research about the following fields but not limited to:

• Cyber security in HVDC-FACTS and Microgrid interconnection
• Power electronics control and security in energy management
• CPS applications for Power Electronics in electric vehicles
• Power system controls and communication for HVDC-FACTS
• Cyber-Physical Systems in Smart Electric Power Grid
• Wired/wireless communication (T&D, Generation, demand and energy management)
• Cyber security in microgrid interconnection
• Cyber-Physical Security and its Applications in Smart Grids
• Adaptation and Learning in Networked Agents

Papers presented at the conference will be submitted for publication in the IEEE Xplore Digital Library. The Conference Organizers are steadfastly committed to adhering to IEEE guidelines on originality, integrity, and exclusivity in paper submissions.

IMPORTANT DATE:

Extended and Final deadline :   5th March, 2023
Notification of Acceptance   :   26th April, 2023
Final Manual Script Submission : 22nd May, 2023

EARLY SUBMISSION ADVANTAGE

Significant savings on registration fees await authors who submit their papers in a timely manner and take advantage of the Early Bird Registration. This offer applies to all author categories and extends until dates mentioned on the website. Act fast and register in advance to ensure your paper is presented at the conference.

BEST PAPER AWARDS

1. CONECCT Best Paper Award (Academia)– INR 20,000+ Certificate
2. CONECCT Best Paper Award (Industry)– INR 20,000+ Certificate

TRACK BEST PAPER AWARDS

1. Track Best Paper Award (Academia)– INR 4,000+Certificate.
2. Track Best Paper Award (Industry)– INR 4,000+Certificate.

NOTE
<10: no track level best paper award. However, the best one will be considered for conference best paper.
>= 10 but < 20 then one common best track paper award.
>=20: then separate track best paper award in industry and academia categories.

CONTACT DETAILS

ieeepelsbangalorechapter@gmail.com
conecct2023@iceebangalore.org

SUBMISSION LINK: https://cmt3.research.microsoft.com/CONECCT2023

GENERAL CHAIR:
Dr. Aloknath De
IEEE Bangalore Section
Chair–2023

TRACK CHAIR:
Dr. Deepa K,
IEEE PELS Blr Chair–2023,
Asso. Prof., ASE Blr.

TRACK CO-CHAIR:
Dr.Prema V,
IEEE PELS Blr Vice Chair–2023,
Asso. Prof., BMSCE Blr.