

CONECCT 2023

A flagship Annual Conference of IEEE Bangalore Section
Call for Papers by IEEE Control Systems Society - Bangalore Chapter for
Track-O: "Controls and Optimization for CPS (Cyber Physical Systems)"

IEEE CONECCT 2023: International 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

IEEE CSS Bangalore Chapter is one among leading societies under the IEEE & Bangalore Section is happy to organize one of the technical track titled Track-O: Controls & Optimization for CPS (Cyber Physical Systems) and invite you to submit your original work related to any of the topics listed below (non-restrictive), **BUT** mainly focused on the CPS (Cyber Physical Systems) theme:

- ❖ Classical control – Systems & Control Theory/Analysis/Design, Linear/NL, ...
- ❖ Advanced Control – Fuzzy/Adaptive/Robust/MPC/Digital Control, Linear/Non-linear, ...
- ❖ Asset Management – Analytics, Fault Detection/Diagnosis, Reconfigurable/Fault-tolerant control, ...
- ❖ Control Platforms – IIOT, Embedded systems, Edge-cloud controls/communication systems for CPS, ...
- ❖ Smart/Intelligent Control – AI/ML/DL, Signal/Image processing, perception, decision-making, autonomy, ...
- ❖ Modelling & Simulation – Physics/Data-based modelling, System Identification, NN, Estimation techniques, Digital-Twins, ...
- ❖ Distributed Controls & Optimization – Distributed consensus, multi-agent systems, distributed optimization, network controls, ...
- ❖ Applications: Industrial/Process Control, PowerGen, Robotics, Industry4.0, AGV/UAV/AUV, Smart systems/grid/micro-grids/health-care/community, ...

Important Dates:

Full-Paper Submission: 05-March-2023

Acceptance Notification: 26-April-2023

Final Manuscripts: 22-May-2023

Conference Dates: 14/16-July-2023

Track-Chair:

Dr Jayesh Barve, Principal Engineer – Controls & Optimization
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Track Co-chair:

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For more information visit: <https://www.ieee-conecct.org/index.php>

CMT Paper-Submission Link: <https://cmt3.research.microsoft.com/CONECCT2023/>