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Submission Guidelines

The paper submission and
submission-related queries should be
forwarded to conference
email: icoiciconfdesk@gmail.com

Registration Fee Details

Authors

Indian Authors: INR 7500 per paper

Foreign Authors: USD 110 per paper

Listeners

Indian Listener: INR 5000

Foreign Listener: USD 90

Venue

JCT College of Engineering & Technology,
Pichanur Road, Off NH 47,
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Conference website

<http://icoici.org/icoici2022/>



JCT



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INTERNATIONAL CONFERENCE ON INTELLIGENT CYBER PHYSICAL SYSTEMS AND INTERNET OF THINGS

ORGANIZED BY
DEPARTMENT OF
**ELECTRICAL AND ELECTRONICS
ENGINEERING**

ON
**11
12**
AUGUST
2022



Springer

About the Conference

The way humans, smart things, and intelligent systems interact and exchange information has been redefined by recent developments in computing, communication, and control technologies. Physical devices and cyber computers are becoming more intertwined through the Internet in order to develop high, user-friendly systems known as cyber-physical Systems (CPS). One of the primary facilitators of CPS is Internet of Things (IoT) technology, which is implemented through a number of computer and networking technologies. The main theme of this conference is "Towards Convergence of Intelligent CyberPhysical Systems and Internet of Things" This concept produces synergies with the more established technologies like Internet of Things [IoT], and Cyber Physical Systems [CPS] to describe and solve many of the challenges from various fields including autonomous systems, smart grids, healthcare monitoring, industrial systems & control, robotics etc. This International Conference on Intelligent Cyber Physical Systems and Internet of Things [ICoCI 2022] is devoted to advanced computing and networking technologies to enable intelligent and efficient IoT and CPS.

About the College

JCT College of Engineering and Technology Shri Jagannath Educational Health and Charitable Trust was established by renowned and philanthropic people with an objective of providing education to all especially the down trodden and rural population. Considering the growing demands for technical education in the country the trust has started an engineering college namely JCT College of Engineering and Technology in Pichanur in Coimbatore for the academic year 2009-10. The College is located at Pichanur at the foothills of the Western Ghats in a serene, eco friendly lush green environment. It is well connected by road, rail and air.

Call for Paper

- ✓ **Cyber-Physical Systems**
- ✓ **Human-Machine Interactions**
- ✓ **Software Platforms & Systems for CPS**
- ✓ **Architectures and Networking for Distributed CPS**
- ✓ **Resource Management in Large Scale CPS**
- ✓ **Mobile Computing and Devices for CPS**
- ✓ **Big Data System and Data Analytics for CPS**
- ✓ **Security and Privacy of CPS**
- ✓ **Networking Systems for CPS Applications**
- ✓ **Simulation of CPS Applications**
- ✓ **Cross-Layer Modeling & Optimization for CPS**
- ✓ **Intrusion Detection, Localization, and Isolation in CPSs**
- ✓ **Machine Learning for CPS**
- ✓ **Model-based Design and Verification of CPS**
- ✓ **Game Theory and CPS Applications**
- ✓ **Internet of Things [IoT]**
- ✓ **Embedded Software for IoT**
- ✓ **IoT as-a-service**
- ✓ **IoT Enabling Technologies**
- ✓ **Interoperability and Advanced Interaction in IoT**

- ✓ **Edge and Fog Computing for IoT**
- ✓ **Data Analysis, Computer Vision, and Machine**
- ✓ **Learning in IoT**
- ✓ **Tools and Infrastructure for IoT**
- ✓ **Testing, Analysis & Verification**
- ✓ **Testing and Formal Verification Techniques for IoT**
- ✓ **Middleware and Service Development for IoT**
- ✓ **IoT in Smart Environments**
- ✓ **Mobile and Wearable Devices**
- ✓ **Security and Privacy - Preserving IoT Architectures**
- ✓ **Energy Efficiency & Sustainability in IoT**

Publications

All registered and presented papers will be published in Springer - Engineering CyberPhysical Systems & Critical Infrastructures

<https://www.springer.com/series/16845>

Keynote Speakers

Dr. Jude Hemanth

Associate Professor, Department of ECE, Karunya University, India.

Dr. Haoxiang Wang

Department of Electrical Computer Engineering, Cornell University, Ithaca, USA

Dr. Joy long Zong Chen

Professor, Department of Electrical Engg., Da-Yeh University, Changhua County, Taiwan.