

Call for Papers

Important Dates:

Last Date: November 30, 2022
Notification: December 15, 2022
Registration: January 15, 2023
CRC Copy: January 25, 2023

Publication

All accepted and registered papers of this special session will be submitted for inclusion into IEEE Xplore.

IEEE Xplore Digital Library
IEEE Conference Record # 56872

Presence on IEEE Website

<https://tinyurl.com/5cbjszrn>

Submission Guidelines

As per IEEE Guidelines

Previous Conferences

ESCI-2022

<https://tinyurl.com/3z9a4323>

ESCI-2021

<https://tinyurl.com/pws2s5m8>

ESCI-2020

<https://tinyurl.com/d5t99emd>

WIECON-ECE 2016

<https://tinyurl.com/3pt23mb9>

Registration

Please visit conference webpage for registration and other details:

<https://esciioit.org/>

**Special discount of Rs.1000/-
on registration fees for all
accepted papers of this special
session.**

Session Title: AI- Enabled Security and Privacy for Cyber Physical System

Session Chair: Dr. Velliangiri Sarveshwaran, Assistant Professor, Department of Computational Intelligence, SRM Institute of Science and Technology, Kattankulathur Campus, Chennai.

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Abstract: Combination of machines, sensors, embedded computational intelligence, and communication mechanisms allow CPS to monitor and control physical components through computer-based algorithms strongly supported by internet connectivity. AI is not only referred to as a technology for reasoning, planning, learning, and processing but also it is referred to as the ability to move and manipulate objects. This relates to the importance of research on AI with CPS. This Special Section invites researchers from academic and industry to share their vision of AI application in the cyber security context, and present challenges and recent works and advances related to AI-based cyber security applied to CPSs.

Topics of Interest: Original and unpublished papers are invited on the following topics and not limited to:

- AI for securing industrial-based CPSs
- AI-enabled threat detection and mitigation for CPSs
- Privacy-preserving secure solution for CPSs
- AI-enabled blockchain security for the key management scheme
- AI Based Securing CPS through digital twin
- AI-enabled threat intelligence in IoT
- Data security and privacy in Industrial IoT
- Security in mobile CPSs
- Attack detection and prediction modelling in CPS
- Federated learning for human cyber physical systems
- Cyber medical system based in AI-IoT
- AI-enabled frameworks for edge and fog computing

Paper Submission Process: Please submit your paper (in word/pdf format) at below email with Name of Special Session mentioned in the subject line

Email: girisarveshwaran@gmail.com