



International Conference on Advanced Computing Systems

Adcomsys 2024

Organized by:

Department of Computer Science and Technology & Computer Science and Information Technology (CST and CSIT)



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The International Conference on Advanced Computing and Systems (AdComSys) will foster an excellent international forum for exchanging knowledge and the recent developments in theory, methodologies and applications in Artificial Intelligent (AI) systems, Internet of Things (IoT) systems, Cybersecurity and Blockchain systems and emerging computing techniques. The AdcomSys aims to encourage the intense dialogues between academia and industry to bridge the gap between scholarly research, industrial initiatives and governmental policymaking. AdComsys 2024 will attribute to the diverse spectrum of keynote addresses, technical tracks, panel discussions and industry exhibits where academia can view state-of-the-art findings from the trials and interoperability experiments. Furthermore, the industry will benefit from exposure to leading-edge research and an opportunity to interact and fraternize with academic researchers on real-world issues.

The purpose of AdComSys 2024 is to solicit original research and technical papers from researchers, scientists, academicians, industry professionals and students to report their experience, new ideas and research results about advanced computing and systems to discuss the practical challenges encountered and solutions adopted.

AdComSys 2024 will be held at the University of Engineering and Management, Kolkata, on June 26th-27th, 2024.

DOMAINS OF POTENTIAL EXPLORATION

Track 1. Advanced Computing

Emerging Computing

Cloud Computing Parallel Computing

Green Computing

Quantum Computing

Geoscience and Remote Sensing Human Centric Computing

Cognitive Intelligence Audio, Speech and Video Processing

Mobile Computing Cognitive Computing

→ Fog Computing

Grid Computing Quantum Cryptography Fuzzy Systems

Biomedical and Health Informatics
Bioinformatics

Bio-inspired Computing

Industrial Informatics

Evolutionary Computation

→ Digital Forensics Affective Computing

Pervasive Computing

→ Dew Computing

Neuromorphic Computing

Al-based Image Processing

Track 2. Advanced Systems

Al Systems

→ Big Data

Cybernetics

Intelligent Systems → Explainable AI Active Learning

NLP-basd Smart Systems

IoT Systems

Deep Learning Featured Learning Generative Models

Generative Adversarial Network Robotics Systems Data Mining

Al with Robotics

Reinforcement Learning Meta Learning → Soft Computing

Data Analytics Systems → Automaton

→ IoT in Healthcare *IoT in Vehicular Network → IoT in Agriculture IoT in Underwater Surveillance Human Activity Recognition Wireless Sensor Networks → IoT in Everything

→ AlloT

→ IoT in Smart City → 5G & beyond 5G

→ Industry 4.0

→ IoT in Industry

Cyber Security Systems and Blockchain

Blockchain Authentication Cryptocurrency

Smart Contracts Encryption Techniques Crypt Analysis

Blockchain-based Machine Learning

Security, Privacy, Attacks, and **Forensics**

Security in IoT

Dependable and Secure Computing

PAPER SUBMISSION LINK

https://cmt3.research.microsoft.com/

Authors are solicitated to contribute to the conference by submitting articles at the above link that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in computing, communication and automation.

Submission Guideline The papers must be submitted ONLINE though CMT Link. Please follow standard author instructions of Springer conference for paper format

Publication: All accepted papers will be published in Springer Nature book series "Studies in Computational Intelligence" (Approval Pending).

Mode of Conference: Hybrid mode

IMPORTANT DEADLINES

Full Paper Submission Open:	28th August 2023
Full Paper Submission:	6th December 2023
Acceptance Notification:	6th March 2024
Early Bird Registration:	25th March 2024
Last Date of Registration:	15th April 2024
Final Camera Ready Paper	1st May 2024
Submission of Copyright:	1st May 2024
Date(s) of Conference	26th & 27th June 2024

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