



First 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: Emerging Computing

Cloud Computing → Parallel Computing Green Computing

Human Centric Computing

Audio, Speech and Video

Cognitive Intelligence

Quantum Computing

Processing

→ Big Data

Smart Contracts

Crypt Analysis

Cybernetics

Geoscience and Remote Sensing

Grid Computing Quantum Cryptography

→ Fog Computing

Mobile Computing

Cognitive Computing

Fuzzy Systems Affective Computing Biomedical and Health Informatics

Bioinformatics

Bio-inspired Computing

Neuromorphic Computing

Dew Computing

Digital Forensics

Pervasive Computing

Industrial Informatics

Evolutionary Computation

Al-based Image Processing

Security, Privacy, Attacks, and

Reinforcement Learning

Meta Learning

→ IoT in Industry

Track 2: Al Systems

Intelligent Systems Al with Robotics → Explainable AI Active Learning Generative Models

→ Deep Learning Featured Learning

Generative Adversarial Network → Robotics Systems

→ Soft Computing Data Analytics Systems → Data Mining Automation

Track 3: IoT Systems

NLP-based Smart Systems

→ IoT in Healthcare → IoT in Vehicular Network → IoT in Agriculture Human Activity Recognition IoT in Everything

IoT in Underwater Surveillance Wireless Sensor Networks → AlloT

→ IoT in Smart City → 5G & beyond 5G → Industry 4.0

Track 4: Cyber Security Systems and Blockchain

Blockchain Authentication

→ Cryptocurrency Encryption Techniques

→ Security in IoT

Blockchain-based Machine Learning 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 and presented papers will be published by the Web of Science (WoS) indexed Springer Nature Book Series "Algorithms for Intelligent Systems" (https://www.springer.com/series/16171)

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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