



First International Conference on Advanced Computing and Systems

Adcomsys 2024

Organized by:

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

26th and 27th June, 2024

https://adcomsys.uem.edu.in/

All accepted and presented papers will be published by the Web of Science (WoS) indexed Springer Nature Book Series "Algorithms"









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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 Geoscience and Remote Sensing

Human Centric Computing

Cognitive Intelligence Audio, Speech and Video **Processing** Quantum Computing

Mobile Computing Cognitive Computing

Fog Computing

→ Grid Computing

Quantum Cryptography Fuzzy Systems

→ Biomedical and Health Informatics → Bioinformatics

Bio-inspired Computing

Neuromorphic Computing

Al-based Image Processing

Dew Computing

Digital Forensics

Pervasive Computing

Industrial Informatics

Affective Computing

Evolutionary Computation

Track 2: Al Systems

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

Featured Learning Generative Adversarial Network Robotics Systems

→ Data Mining

Reinforcement Learning Meta Learning

> → Soft Computing Data Analytics Systems Automation

Track 3: IoT Systems

NLP-based Smart Systems

▶Big Data

Cybernetics

→ IoT in Healthcare → IoT in Industry → IoT in Vehicular Network IoT in Agriculture IoT in Underwater Surveillance → IoT in Smart City → 5G & beyond 5G Human Activity Recognition Wireless Sensor Networks → IoT in Everything → AlloT → Industry 4.0

Track 4: Cyber Security Systems and Blockchain

Security, Privacy, Attacks, and Blockchain Authentication Cryptocurrency Smart Contracts Encryption Techniques Security in IoT Crypt Analysis Blockchain-based Machine Learning Dependable and Secure Computing

PAPER SUBMISSION LINK

https://cmt3.research.microsoft.com/AdComSys2024

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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