



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)

26th and 27th June, 2024

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Submission of Copyright:

Date(s) of Conference



1st May 2024

26th & 27th June 2024



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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

Track 2: Al Systems

NLP-based Smart Systems

Intelligent Systems

Generative Models

Explainable AI

→ Big Data

Active Learning

→ Grid Computing

Cognitive Computing

→ Fog Computing

Mobile Computing

Quantum Cryptography Fuzzy Systems

Biomedical and Health Informatics

→ Bioinformatics

Bio-inspired Computing

Neuromorphic Computing

Al with Robotics Al-based Image Processing Reinforcement Learning → Deep Learning

- Featured Learning Generative Adversarial Network →Soft Computing
 - → Data Analytics Systems

→ Automation

→ IoT in Industry

→ IoT in Smart City

→ 5G & beyond 5G

Meta Learning

→ Dew Computing

Digital Forensics

→ Pervasive Computing

Industrial Informatics

Affective Computing

Evolutionary Computation

Track 3: IoT Systems

- IoT in Healthcare → IoT in Agriculture
 - → IoT in Underwater Surveillance
- Human Activity Recognition Wireless Sensor Networks
- IoT in Everything
 - → AlloT

→ IoT in Vehicular Network

Robotics Systems

→ Data Mining

- → Industry 4.0

Track 4: Cyber Security Systems and Blockchain

Security, Privacy, Attacks, and Blockchain Authentication Cryptocurrency

- Smart Contracts → Encryption Techniques → Security in IoT
- Blockchain-based Machine Learning Dependable and Secure Computing Crypt Analysis Cybernetics

PAPER SUBMISSION LINK

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.

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

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 Springer Book Series(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

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Dr. Chiradeep Mukherjee - 9804244362

Dr. Subhalaxmi Chakraborty - 7003720703 Prof. Sankhadeep Chatterjee - 8910874737

Dr. Sudipta Basu Pal - 9674335060

UNIVERSITY OF ENGINEERING & MANAGEMENT KOLKATA Address: University Area, Plot No. III – B/5, New Town, Action Area – III, Kolkata – 700160