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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

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



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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

Fog Computing
Mobile Computing
Cognitive Computing
Grid Computing
Quantum Cryptography
Fuzzy Systems
Biomedical and Health Informatics
Bio-inspired Computing

Dew Computing
Pervasive Computing
Evolutionary Computation
Industrial Informatics
Digital Forensics
Affective Computing
Bioinformatics
Neuromorphic Computing

Track 2: AI Systems

Intelligent Systems
Explainable AI
Active Learning
Generative Models
NLP-based Smart Systems
Big Data

AI with Robotics
Deep Learning
Featured Learning
Generative Adversarial Network
Robotics Systems
Data Mining

AI-based Image Processing
Reinforcement Learning
Meta Learning
Soft Computing
Data Analytics Systems
Automation

Track 3: IoT Systems

IoT in Healthcare
IoT in Agriculture
Human Activity Recognition
IoT in Everything

IoT in Vehicular Network
IoT in Underwater Surveillance
Wireless Sensor Networks
AllIoT

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

Track 4: Cyber Security Systems and Blockchain

Blockchain Authentication
Smart Contracts
Crypt Analysis
Cybernetics

Cryptocurrency
Encryption Techniques
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 solicited 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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Contact Us

Dr. Chiradeep Mukherjee - 9804244362

Dr. Subhalaxmi Chakraborty - 7003720703

Prof. Sankhadeep Chatterjee - 8910874737

Dr. Sudipta Basu Pal - 9674335060