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

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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	Fog Computing	Dew Computing
Parallel Computing	Mobile Computing	Pervasive Computing
Green Computing	Cognitive Computing	Evolutionary Computation
Geoscience and Remote Sensing	Grid Computing	Industrial Informatics
Human Centric Computing	Quantum Cryptography	Digital Forensics
Cognitive Intelligence	Fuzzy Systems	Affective Computing
Audio, Speech and Video Processing	Biomedical and Health Informatics	Bioinformatics
Quantum Computing	Bio-inspired Computing	Neuromorphic Computing

Track 2. Advanced Systems

AI Systems

Intelligent Systems	AI with Robotics	AI-based Image Processing
Explainable AI	Deep Learning	Reinforcement Learning
Active Learning	Featured Learning	Meta Learning
Generative Models	Generative Adversarial Network	Soft Computing
NLP-based Smart Systems	Robotics Systems	Data Analytics Systems
Big Data	Data Mining	Automation

IoT Systems

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

Cyber Security Systems and Blockchain

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

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

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