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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.vercel.app/>



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
- Parallel Computing
- Green Computing
- Geoscience and Remote Sensing
- Human Centric Computing
- IoT in Agriculture
- Human Activity Recognition
- IoT in Everything
- Fog Computing
- Mobile Computing
- Cognitive Computing
- Grid Computing
- Quantum Cryptography
- IoT in Underwater Surveillance
- Featured Learning
- Industry 4.0
- Dew Computing
- Pervasive Computing
- Evolutionary Computation
- Industrial Informatics
- Explainable AI
- IoT in Smart City
- 5G & beyond 5G

Track 2. Advanced Systems

AI Systems

- Intelligent Systems
- Digital Forensics
- Affective Computing
- Bioinformatics
- AI with Robotics
- Cognitive Intelligence
- Audio, Speech and Video Processing
- Quantum Computing
- AI-based Image Processing
- Fuzzy Systems
- Biomedical and Health Informatics

IoT Systems

- IoT in Healthcare
- IoT in Agriculture
- IoT in Everything
- Generative Models
- IoT in Vehicular Network
- IoT in Underwater Surveillance
- Wireless Sensor Networks
- Generative Adversarial Network
- IoT in Industry
- IoT in Smart City
- Meta Learning

Cyber Security Systems and Blockchain

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

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 through 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

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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