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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 | » 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 | » Explainable AI |
| » IoT in Agriculture | » IoT in Underwater Surveillance | » IoT in Smart City |
| » Human Activity Recognition | » Featured Learning | » 5G & beyond 5G |
| » IoT in Everything | » Industry 4.0 | |

Track 2. Advanced Systems

AI Systems

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

IoT Systems

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

Cyber Security Systems and Blockchain

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

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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