2nd INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTING, AI AND DATA SCIENCE - 2024

CAIDS-2024

November 21 – 22, 2024

📍 **Riphah International University, Islamabad, Pakistan**

The University of Science & Technology Bannu (UST Bannu), the Riphah International University Islamabad (RIU Islamabad), and Multimedia University Malaysia (MMU Malaysia) are proud to host the 2nd International Conference on Recent Advances in Computing, AI and Data Science (CAIDS-2024) at Riphah International University Islamabad on November 21-22, 2024. Building on the success of CAIDS-2023, which received 69 submissions, with 44 papers selected after a rigorous review, CAIDS-2024 aims to provide an excellent platform for researchers and scholars to share their findings on recent advances in Computing, AI and Data Science. This joint initiative by UST Bannu, RIU Islamabad and MMU Malaysia will foster collaboration among academia, industry and government, focusing on practical applications in Pakistan. Accepted papers will be published in associated journals of MMU Press Malaysia and RIU Islamabad (subject to another round of journal-specific technical review) or in an ISSN-based conference proceedings book by MMU Press. The conference, supported by UST Bannu, RIU Islamabad, and the Higher Education Commission of Pakistan, will be held in hybrid mode, welcoming online presentations to ensure broad participation. We invite you to join us in Islamabad for this exciting opportunity to exchange knowledge and ideas in one of the world's most beautiful capital cities.

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Topics of Interest

The topic of interest includes, but is not limited to, the following:

- Computing, AI and DS Concepts, Infrastructures and Applications
- Modeling and Simulation Concepts and Applications
- Mathematical and Statistical Foundations
- Algorithms and Data Structures
- Fog, Edge, Cloud, Grid, Cluster and P2P Computing
- Concurrent, Parallel and Distributed Computing Systems
- Ubiquitous Computing
- Computer Networks, Communication and Security
- Computer Architectures: CPU and GPU Based Systems
- Computer Graphics and Medical Imaging
- Advanced Databases Concepts and Optimizations
- Software Engineering Concepts, Tools and Applications
- Artificial Intelligence
- Machine Learning Algorithms
- Neural Networks
- Cyber Security
- Ethics and Bias
- Climate Change and Environmental Monitoring
- Robotics
- Optimization Algorithms
- Generative AI
- Games, Augmented and Virtual Reality
- Parallel and Distributed Simulation Systems and Virtual Worlds
- Data Visualization
- Deep Learning
- Data, Text and Web Mining
- Exploratory Data Analysis (EDA)

Important Dates for Submission

Researchers are invited to submit original, unpublished research contributions that have not been previously published or are currently under review by another conference or journal. Submissions should focus on cutting-edge research in areas related to Computing, Artificial Intelligence, and Data Science. Manuscripts must follow the template provided on the CAIDS-2024 website and should not exceed 20 pages in length.

Paper Submission	October 10, 2024
Acceptance Notification	October 20, 2024
Camera Ready Deadline	November 01, 2024
Early Bird Registration	November 01, 2024

Registration Fees

Participant (Student)	PKR - 500
Participant (Professional)	PKR - 1500
Paper Presenters (Student)	PKR - 3000
Paper Presenters (Faculty Member)	PKR - 5000
Paper Presenters (International)	USD - 50
Poster Presentation	PKR - 2000

The same registration fee applies for on-site registration after the deadline. The registration fee covers only participation in the conference and the conference kit. It does not include the cost of transportation, accommodation, or any conference tours or social programs (if any).

Publication

Accepted papers for CAIDS 2024 will be published in co-associated journals or in the conference proceedings by MMU Press, subject to meeting individual journal requirements. The participating journals for CAIDS 2024 are:

1.	Journal of Engineering Technology and Applied Physics (eISSN: 2682-8383)
2.	International Journal on Robotics, Automation and Sciences (eISSN: 2682-860X)
3.	Journal of Informatics and Web Engineering (eISSN: 2821-370X)
4.	Riphah Journal of Computing (eISSN: NA)

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