ICDAM-2025
6th International Conference on Data Analysis and Management

Organized by *London Metropolitan University, London, UK (Venue Partner)*
in association with
WSG University, Bydgoszcz, Poland, Europe
&
Portalegre Polytechnic University, Portugal, Europe
&
BPIT, GGSIPU, Delhi
Date: 13th - 14th June 2025

************** CALL FOR PAPERS ***************

SPECIAL SESSION ON
Quantum Revolution: Pioneering Frontiers in the Integration of Quantum Computing with AI, Machine Learning, and Cybersecurity

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

The "Quantum Revolution: Pioneering Frontiers in the Integration of Quantum Computing with AI, Machine Learning, and Cybersecurity" session explores the transformative potential of quantum computing across multiple disciplines. As quantum technologies rapidly evolve, they are poised to revolutionize the fields of artificial intelligence (AI), machine learning (ML) and cybersecurity. This session delves into the latest developments, breakthroughs, and practical applications of quantum computing in enhancing AI algorithms, optimizing machine learning models, and redefining security paradigms. Experts, researchers, and industry leaders will discuss how quantum computing can accelerate innovation, solve complex problems, and pave the way for a more secure and intelligent future.

RECOMMENDED TOPICS:
Topics to be discussed in this special session include (but are not limited to) the following:

- Quantum-enhanced machine learning algorithms for data processing.
- Quantum Cryptography and Secure Communications.
- Quantum AI and ML for Predictive Analytics.
- Developing hybrid quantum-classical architectures for real-world applications.
- Quantum computing's role in enhancing network security and cryptographic systems.
- Challenges and Future Directions in Quantum AI, ML and Cybersecurity.

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[INSERT SESSION NAME on or before INSERT DATE] .** All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://icdam-conf.com/downloads . All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify **[SESSION NAME]** at the top (above paper title) of the first page of your paper.

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