



**ICDAM-2025**  
**6<sup>th</sup> 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: 13<sup>th</sup> - 14th June 2025*

**\*\*\*\*\*Special Session Proposal\*\*\*\*\***

**SPECIAL SESSION ON**

**Post-Quantum Cryptography and Blockchain for IoT Security.**

**SESSION ORGANIZERS:**

**Dr.Vinay Kumar Pandey, Professor School of Computing Science & Eng. ,**

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**SESSION DESCRIPTION:**

Post-quantum cryptography (PQC) is a crucial area of research, especially for IoT security, where lightweight, efficient cryptographic solutions are essential. Blockchain- A Decentralized Approach to Cybersecurity is emerging as a powerful solution for securing IoT networks by providing decentralized, tamper-resistant, and transparent mechanisms for data integrity, authentication, and device management. The title includes how blockchain ensures device authentication, data integrity, and secure transactions in IoT. It Explores real-world applications and case studies of blockchain-based IoT security. with challenges and future trends in integrating blockchain with IoT networks.

#### RECOMMENDED TOPICS:

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

- Lightweight Encryption for Resource-Constrained IoT Devices
- Emerging Threats and Ethical Hacking in IoT
- Zero Trust Architecture for IoT
- Blockchain for Decentralized Security.
- Supply Chain Security.
- Quantum-Resistant Blockchain and Cryptocurrencies.

#### 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 **“Post-Quantum Cryptography and Blockchain for IoT Security”**. at the top (above paper title) of the first page of your paper.

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