

## ICDAM-2026

### 7<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*

*&*

*SGGW Management Institute, Poland, Portugal*

*Date: 12<sup>th</sup> –14<sup>th</sup> June 2026*

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

#### SPECIAL SESSION ON Internet of Things

#### SESSION ORGANIZERS:



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#### SESSION DESCRIPTION:

The Internet of Things (IoT) is transforming the way humans and machines interact, driving innovations across smart cities, healthcare, industry, transportation, and beyond. Objectives of the Session:

- \* To explore recent developments in IoT architectures, communication protocols, and applications.
- \* To highlight innovations integrating IoT with AI, ML, edge/fog/cloud computing, and blockchain technologies.
- \* To discuss security, privacy, and standardization challenges in large-scale IoT deployments.
- \* To identify potential directions for sustainable and intelligent IoT solutions for societal benefit.

#### RECOMMENDED TOPICS:

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

1. **IoT Architectures and Frameworks** ( IoT system design and interoperability, Communication models and protocols (MQTT, CoAP, 6LoWPAN, etc.), Edge, fog, and cloud-based IoT integration)

- 2. IoT Devices and Connectivity** (Sensor networks and embedded systems, Low-power wireless communication (LoRa, ZigBee, BLE, NB-IoT), Hardware design, energy efficiency, and scalability)
- 3. IoT Data Management and Analytics** ( Big data processing and real-time analytics, AI/ML-enabled IoT intelligence, Data storage, interoperability, and lifecycle management)
- 4. IoT Security, Privacy, and Trust**
- 5. IoT Applications and Case Studies** ( Smart cities, smart homes, and intelligent transportation, Industrial IoT (IIoT) and predictive maintenance, Healthcare IoT and remote patient monitoring, Agricultural and environmental IoT solutions)
- 6. Emerging Trends and Future Directions** ( Digital twins and cyber-physical systems, Sustainable IoT and green computing)

#### **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 **[Internet of Things]** at the top (above paper title) of the first page of your paper.

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