



ICDAM-2026

7th International Conference on Data Analysis and Management

*Organized by London Metropolitan University, London, UK (Venue Partner)
in association with*

WSG University, Bydgoszcz, Poland, Europe

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Portalegre Polytechnic University, Portugal, Europe

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SGGW Management Institute, Poland, Portugal

Date: 12th – 14th June 2026

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

SPECIAL SESSION ON

Ethical and Responsible Agentic AI and Its Diverse Applications

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional):

NA

SESSION DESCRIPTION:

Agentic AI represents the next evolution in artificial intelligence systems that can autonomously perceive, reason, plan, and act toward achieving complex goals with minimal human intervention. Unlike traditional AI models that operate in narrow, predefined tasks, Agentic AI systems demonstrate adaptive decision-making, multi-step reasoning, tool usage, and collaborative intelligence.

This special session aims to explore theoretical foundations, architectures, frameworks, ethical considerations, and real-world implementations of Agentic AI across diverse domains like in healthcare, Customer Service & Virtual Assistants, Autonomous Vehicles & Robotics, Education

& Personalized Learning, Finance & Business Automation etc . The session will bring together researchers, academicians, industry experts, and practitioners to discuss emerging innovations, challenges, and transformative applications of autonomous AI agents in modern digital ecosystems.

RECOMMENDED TOPICS:

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

- Architectures and Frameworks for Agentic AI Systems
- Autonomous Multi-Agent Systems and Collaboration
- Agentic AI in Healthcare and Clinical Decision Support
- Agentic AI for Smart Manufacturing and Industry 5.0
- AI Agents in Education and Personalized Learning Systems
- Agentic AI for Financial Modeling and Autonomous Trading
- Human–AI Collaboration and Explainability in Agentic Systems
- Ethical, Legal, and Governance Issues in Autonomous AI
- Reinforcement Learning and Goal-Oriented AI Agents
- Agentic AI in Cybersecurity and Threat Intelligence
- Generative AI Agents with Tool Use and Planning Capabilities
- Benchmarking, Evaluation, and Performance Metrics for AI Agents

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Agentic AI and Its Diverse Applications on or before 28th February, 2026**. 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>

NOTE: While submitting 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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