



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

&

Portalegre Polytechnic University, Portugal, Europe

&

BPIT, GGSIPU, Delhi

Date: 12th – 14th June 2026

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

SPECIAL SESSION ON

Generative AI and Large Language Models for Intelligent Data Analytics and Networked Systems

SESSION ORGANIZERS:

Dr. Pawan Kumar Verma

Associate Professor,

Symbiosis Institute of Technology, Nagpur Campus,

Symbiosis International (Deemed University), Pune, India

Ph: +91 8126748459 / 8126825054

Dr. Monali Gulhane

Assistant Professor,

Symbiosis Institute of Technology, Nagpur Campus,

Symbiosis International (Deemed University), Pune, India

Ph: +91 9766709211

Dr. Nitin Rakesh

Director,

Symbiosis Institute of Technology, Nagpur Campus,

Symbiosis International (Deemed University), Pune, India

Ph: +91 7042936789

EDITORIAL BOARD: (Optional):

[Name, University or Organization, Country, e-mail]

SESSION DESCRIPTION:

Generative AI (GenAI) and Large Language Models (LLM) have changed the way data are processed, analyzed, and put together in a distributed and network environment. The goal of this special session is to look at how LLM, multimodal GenAI models, and data analytics frameworks can work together to build computer networks that are smart, self-optimizing, and autonomous.

The session will talk about how LLMs and foundation models can help people understand data better, make better decisions, and control things in network-centric areas such as edge computing, IoT, and cloud-native ecosystems. Researchers can create self-learning network systems that can adapt, optimize, and predict in real time using generative reasoning, contextual learning, and prompt-based analytics. This session is looking for new ideas that connect AI model architectures, data analytics pipelines, and network intelligence to help build the next generation of self-management and cognitive digital infrastructures.

RECOMMENDED TOPICS:

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

1. LLM-based Data Analytics and Autonomous Decision Systems
2. Generative AI for Intelligent Network Optimization and Simulation
3. Multimodal and Foundation Models for IoT and Edge Data Analysis
4. Data-Driven Network Automation using Prompt Engineering and RAG
5. AI Agents and Multi-Agent Systems for Networked Data Management
6. Explainable and Responsible Generative AI in Data Analytics
7. Synthetic Data Generation and Augmentation for Network Intelligence
8. Integration of LLMs with Cloud-Native and Edge Analytics Pipelines

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Generative AI and Large Language Models for Intelligent Data Analytics and Networked Systems** on or before **15th November 2025**. 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 **Generative AI and Large Language Models for Intelligent Data Analytics and Networked Systems** at the top (above paper title) of the first page of your paper.

* * * * *