

INDEA-2026
International Conference on
Next-Generation Data Engineering and Analytics
ORGANISED BY: University of Salford, Manchester, UK
On
21st- 22nd August 2026.

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

SPECIAL SESSION ON

Emerging Trends in Computing and Telecommunications: AI Enabled Innovations for Future Networks

SESSION ORGANIZERS:

Session Member 1: Dr. Anvesha Katti, Assistant Professor, Amity University Haryana, India
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Session Member 2: Dr. Priyanka Vashisht, Associate Professor, Amity University Haryana, India : priyanka.vashisht@gmail.com Ph. +91-9911596226

SESSION DESCRIPTION:

The objective of this special session is research of recent advances in computing and communication with concentrating on AI paradigm fusion with state-of-the-art networking technologies.

Artificial intelligence is blooming in its role as an enabler for efficient network performance optimisation, better network security and newfound intelligent communication systems in next generation networks as the advances we are seeing from machine learning, deep learning and edge computing grow by leaps and bounds.

This session serves as a forum to debate and brainstorm innovative solutions/ open problems/cross cutting issues in computational AI on the Networked Worlds enabling Next generation human centric computing/communication.

RECOMMENDED TOPICS:

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

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

- AI and Machine Learning for Network Optimization
- 5G and 6G Communication Networks with AI Integration
- Edge and Cloud Computing in AI-Driven Networking
- Network Security and AI-Based Intrusion Detection Systems
- Federated Learning and AI in Distributed Systems
- AI for IoT and Smart Sensor Networks
- Quantum Computing for Future Communication Systems
- AI-Based Wireless Resource Management

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Emerging Trends in Computing and Telecommunications: AI Enabled Innovations for Future Networks** *on or before* [30th December 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://indea-conf.com> . All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify Emerging Trends in Computing and Telecommunications: AI Enabled Innovations for Future Networks]] at the top (above paper title) of the first page of your paper.

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