International Conference on Data-Processing and Networking (ICDPN-2025)

Date: 7th – 8th November, 2025

ORGANISED BY : Institute of Technology and Business in České Budějovice, Near Prague, Czech Republic, Europe (Venue).

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

SPECIAL SESSION ON
[Artificial Intelligence and Networking]

SESSION ORGANIZERS:
[[Associate Professor (Dr.) Tejinder Kaur , Department of MMICTBM, Maharishi Markandeshwar (Deemed To Be University), Mullana, Ambala-Haryana 133207, India, 7696779388)

EDITORIAL BOARD: (Optional)
[[Associate Professor (Dr.) Tejinder Kaur , Department of MMICTBM, Maharishi Markandeshwar (Deemed To Be University), Mullana, Ambala-Haryana 133207, India, 7696779388)]

SESSION DESCRIPTION:
The Artificial Intelligence and Networking theme focuses on how AI technologies are transforming modern networking systems. This includes AI-driven optimizations in network performance, security enhancements through machine learning, intelligent traffic management, and the role of AI in emerging technologies like 5G/6G, IoT, and edge computing.

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

- **We encourage proposals that address (but are not limited to) the following topics:**
- **AI-driven network optimization and management**
- **Machine learning for network security and anomaly detection**
- **Edge computing and AI-enabled IoT networking**
- **AI for 5G/6G networks and beyond**
- **Autonomous and self-healing networks**
- **Network traffic prediction and analysis using AI**
- **AI-enabled cybersecurity frameworks**

- 🔲 **Ethical and regulatory challenges of AI in networking**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[session name]**_on or before_**[30th MAY 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://www.icdpn-conf.com/Downloads**. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify [**Artificial Intelligence and Networking**] at the top (above paper title) of the first page of your paper.

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