



International Conference on Data-Processing and Networking (ICDPN-2024)

Date: 25th-26th October, 2024

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

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

SPECIAL SESSION ON

Leveraging AI, Machine Learning, and Intelligent Systems in Data Processing and Networking for Enhanced Smart Systems

SESSION ORGANIZERS:

Dr. Lokesh Jain, Department of Information Technology, Jagan Institute of Management Studies, Rohini, Delhi, India, lokesh.jain@jimsindia.org

EDITORIAL BOARD: (Optional)
NA

SESSION DESCRIPTION:

This session focuses on the transformative impact of artificial intelligence (AI), machine learning (ML), and intelligent systems on data processing and networking. As organizations generate and manage increasing volumes of data, the integration of AI and ML has become essential for efficient data handling, analysis, and decision-making. Networking infrastructures are also evolving to support more intelligent and autonomous operations, boosting both performance and security. The primary goal of this session is to highlight innovative solutions and emerging trends in AI, ML, and intelligent systems that are shaping the future of these fields. By promoting the adoption of these technologies to solve complex problems, the session aims to equip attendees with the knowledge and tools needed to create smarter and more efficient systems.

RECOMMENDED TOPICS:

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

- Intelligent Automation
- AI and ML for Intrusion Detection Systems
- Expert Systems in cyber security
- Intelligent Automation
- AI for Network Optimization and Performance Tuning
- Adaptive and Autonomous Systems

- Machine Learning for Predictive Analytics
- AI in Network Security
- Knowledge-Based Systems
- Machine Learning in Network Traffic Analysis
- Smart Intrusion Detection
- AI and ML in Fraud Detection
- Ethics and Governance in Intelligent Systems
- Future trends in AI and Networking Technologies
- Deep Learning and Computational Intelligence for smart systems

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[session name] on or before [30th July 2024]**. 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 **[Session Name]** at the top (above paper title) of the first page of your paper.

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