



ICAIN-2024

International Conference on Artificial Intelligence and Networking



Organized by
Guru Tegh Bahadur Institute of Technology (GTBIT),
affiliated to
Guru Gobind Singh Indraprastha University (GGSIPU), Delhi
in association with
Portalegre Polytechnic University & Institute of Technology and Business in České Budějovice, Czech Republic
&
Keshav Mahavidyalaya, University of Delhi

24th - 25th September 2024

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

SPECIAL SESSION ON

AI-Driven Innovations in Networking: Enhancing Connectivity and Security

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)

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

SESSION DESCRIPTION:

The integration of Artificial Intelligence (AI) with networking technologies is driving unprecedented advancements in how networks are designed, managed, and secured. AI's capability to analyze vast amounts of data, learn from patterns, and make intelligent decisions in real-time is transforming networking into more efficient, autonomous, and secure domain. This special session aims to bring together researchers, practitioners, and industry experts to discuss the latest AI-driven solutions that are shaping the future of networking. Participants are invited to submit original research papers and review articles that explore the intersection of AI and networking. The session will focus on innovative applications of AI to enhance network performance, optimize resource allocation, improve security measures, and support the evolution towards next-generation networks like 5G and 6G.

RECOMMENDED TOPICS:

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

- AI for Network Optimization
- AI in Network Security
- AI in Network Management and Automation
- AI for 5G/6G Networks
- AI in IoT and Edge Computing
- AI in Network Design and Simulation
- AI for Network Traffic Engineering
- AI in Wireless Networks
- AI in Data Center Networks
- AI for Software-Defined Networking (SDN)
- AI in Network Function Virtualization (NFV)
- AI in Network Security Protocols
- AI in Smart Grid and Energy Networks

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[AI-Driven Innovations in Networking: Enhancing Connectivity and Security] 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.icain-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 [AI-Driven Innovations in Networking: Enhancing Connectivity and Security] at the top (above paper title) of the first page of your paper.

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