



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

[Integrated Modern Network Technologies]

SESSION CHAIRS:

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EDITORIAL BOARD: (Optional)

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

SESSION DESCRIPTION:

[In today's rapidly evolving digital landscape, integrated modern technologies are at the forefront of transforming connectivity and communication. By seamlessly combining advancements in artificial intelligence (AI), the Internet of Things (IoT), cloud computing, and 5G, these technologies create robust and efficient networks that drive innovation across various industries. AI enhances network management and security through predictive analytics and automated responses, while IoT devices generate vast amounts of data, facilitating real-time decision-making and optimization. Cloud computing provides scalable and flexible resources, enabling businesses to adapt quickly to changing demands. The advent of 5G networks further accelerates this transformation, offering unprecedented speed and low latency for real-time applications. Together, these integrated modern technologies foster a hyper-connected world where seamless communication, enhanced efficiency, and innovative solutions become the norm, paving the way for a future of limitless possibilities.

This special session aims to attract quality research manuscripts in this area. Also, it aims to act as a platform for cross-fertilization of ideas among people interested in the corresponding research directions.]

RECOMMENDED TOPICS:

The special session will accept submissions on the following topics (but are not limited to):

- **Edge Computing: Enhancing Real-Time Data Processing and Analytics**
- **Cloud Computing: Revolutionizing Data Storage and Processing**
- **Cybersecurity in the Age of Integrated Technologies**
- **Blockchain Technology: Securing Data in Modern Networks**
- **The Convergence of AI and IoT: Creating Intelligent Systems**
- **The Future of Networking: From 5G to 6G and Beyond**
- **Augmented and Virtual Reality: Redefining Remote Collaboration and Training**
- **Autonomous Vehicles: Connectivity and Communication Technologies**
- **The Interplay Between Software-Defined Networking (SDN) and Network Function Virtualization (NFV)**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[Integrated Modern Network Technologies]** *on or before [30th July 2024]*. All submissions must be original and may not be under review at other research venue. INTERESTED AUTHORS SHOULD LOOK AT THE CONFERENCE WEBISTE FOR MANUSCRIPT SUBMISSION GUIDELINES at **<https://www.icdpn-conf.com/Downloads>**. All submitted papers will undergo double-blind, peer review.

NOTE: While submitting paper in this special session, please specify [**Integrated Modern Network Technologies**] at the top (above paper title) of the first page of your paper.

Please include a brief bio of the session organizers here >>>>>>>>>> (if asked)

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