



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

Emerging Intelligent Computing Techniques and their Applications (EICTA)

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)

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

SESSION DESCRIPTION:

Emerging technologies and Intelligent Computing Techniques are offering practical tools for many engineering applications. Computer learning, artificial intelligence and its learning, and adaptation paradigms are able to improve engineering applications.

The objective of this Special session is to explore Emerging Intelligent Computing Techniques and their applications. We hope to bring researchers and academics together to present their latest work on Emerging technologies, Intelligent Computing Techniques, Intelligent Communication Systems, Machine Learning for Data Science, Web Mining, Wireless Networks & IOT, Big Data Communication, Cloud communications and networking etc.

In this thematic session, we solicit the submission of high-quality original research and articles closely related to the following topics, particularly interdisciplinary submissions that bring together next generation Intelligence of Things, Artificial intelligence, Smart information processing, IoT security, AI techniques, optimization algorithms and Privacy and trust researchers.

RECOMMENDED TOPICS:

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

- Emerging Technologies and their Applications
- Intelligent Computing Systems and their Applications
- Intelligent Computing in IOT
- Machine Learning for Data Science
- Data Analysis and Visualization
- Intelligent Bio Computing & Informatics
- Cloud communications and networking
- Cloud Computing
- Home Automation and Smart City Case Studies
- Human Computer Interaction
- Wireless sensor networks
- Block Chain
- Industry 4.0
- Business Computing and Business Intelligence
- Tools and frameworks for designing, deploying, and maintaining intelligent IoT networks in communication systems
- Intelligent Computing Techniques for Industrial and Healthcare applications
- High performance Computing systems for applications in Autonomous driving, Healthcare and recommendation
- Computational intelligence for medical image acquisition and analysis systems
- Intelligent Computing Techniques based on healthcare systems and applications
- Intelligent Computing Techniques for the Improvement of healthcare delivery systems

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 **[Session Name]** at the top (above paper title) of the first page of your paper.

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