



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

Date: 7th – 8<sup>th</sup> 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 in Society: Broad-Spectrum Innovations in Analytics, Generative Intelligence, and Agentic Systems**

## **SESSION ORGANIZERS:**

Dr. Biswadip Basu Mallik, Institute of Engineering & Management (School of University of Engineering and Management), Kolkata, India, [biswadip.basumallik@iem.edu.in](mailto:biswadip.basumallik@iem.edu.in)

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## **SESSION DESCRIPTION:**

Artificial Intelligence is no longer a futuristic concept—it is a societal force reshaping the way we live, govern, create, and interact. This special session on Artificial Intelligence in Society: Broad-Spectrum Innovations in Analytics, Generative Intelligence, and Agentic Systems seeks to unify research across a vast landscape of AI applications and foundational methods. The session welcomes submissions that span algorithmic advances, societal deployments, and conceptual frameworks that define AI's evolving role in real-world systems.

Key focus areas include advanced analytics for societal insights, the disruptive capabilities of generative AI in language, vision, and design, and the emergence of Agentic AI—autonomous, goal-driven systems capable of proactive reasoning and adaptive interaction. The session aims to engage contributions from academia, industry, and government that address critical societal domains including education, governance, public safety, healthcare, creative industries, and smart infrastructure. Furthermore, this session encourages discourse on ethical, explainable, and human-centered AI design to ensure the equitable and sustainable integration of AI into everyday life.

## **RECOMMENDED TOPICS:**

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

- **Societal-Scale Analytics and Behavioral Modeling**
- **Multimodal Generative AI for Text, Vision, Audio, and Simulation**
- **Agentic AI Systems for Autonomy and Proactive Reasoning**
- **Human-AI Collaboration in Complex Environments**
- **AI for Policy, Governance, and Civic Innovation**
- **Ethical, Explainable, and Fair AI in Public Domains**

- AI in Creative Industries, Cultural Heritage, and Media
- Federated, Edge, and Distributed AI for Community-Centric Applications
- AI for Urban Resilience, Smart Cities, and Sustainability
- LLMs in Education, Law, and Healthcare
- Neurosymbolic and Hybrid AI for Societal Reasoning
- AI and the Future of Work
- AI in Crisis Management and Public Safety
- AI for Climate Adaptation and Environmental Intelligence
- AI for Inclusive Development and Accessibility
- Cross-Cultural Perspectives in AI Systems
- Regulation, Governance, and Global AI Standards
- Open-Source and Community-Led AI Innovations

#### **SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **Artificial Intelligence in Society: Expanding Horizons in Analytics, Generative Technologies, and Agentic Intelligence 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 in Society: Expanding Horizons in Analytics, Generative Technologies, and Agentic Intelligence** at the top (above paper title) of the first page of your paper.

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