



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

Secure IoT: Cybersecurity Challenges in the building Sustainable Urban Futures

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)

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SESSION DESCRIPTION:

The conference "**Secure IoT: Cybersecurity Challenges in Building Sustainable Urban Futures**" aims to bring together researchers, practitioners, policymakers, and industry leaders to explore the intersection of IoT security and urban sustainability. Participants will delve into the vulnerabilities inherent in IoT ecosystems and discuss robust security frameworks, data protection mechanisms, ethical AI, and regulatory standards that support the development of secure, intelligent, and sustainable cities.

RECOMMENDED TOPICS:

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

- Smart City Architectures for Sustainability
- Digital Twin Technologies for Urban Planning
- IoT-Driven Infrastructure Monitoring and Management
- Urban Mobility Solutions: Smart and Sustainable Transport
- Green Building Technologies and Smart Construction
- Mixed-Use Urban Design and Space Optimization
- Sustainable Land Use and Zoning with AI Support
- AI/ML-Based Anomaly Detection in Smart City Networks
- Blockchain for Secure IoT Communication
- Secure Edge and Fog Computing Models for IoT

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Secure IoT: Cybersecurity Challenges in the building Sustainable Urban Futures 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 **Secure IoT: Cybersecurity Challenges in the building Sustainable Urban Futures** at the top (above paper title) of the first page of your paper.

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