11th IEEE International Smart Cities Conference - ISC2 2025
„ENSURE - Workshop"

October 6-9th, 2025, Patras Greece University of Patras Conference and Cultural Centre

Chairs:

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Important Dates:

Submission: 20.07.2025

Acceptance: 30.08.2025

Camera ready: 15.09.2025

Workshop: 6.10.2025

https://isc2-2025.org/

Technical Co-Sponsors

Description - The **ENSURE** (Embedding iNtelligence in Smart mUnicipalities – challenges and oppoRtunitiEs) **workshop** will be a one day workshop at the ISC2 conference. It brings together researchers and engineers from academia and industry to identify and solve critical issues in the rapid technological and regulatory transformations shaping the future of urban environments. The convergence of technologies such as Artificial Intelligence (AI) at the edge, Cyber-Physical Systems of Systems (CPSoS), and the IoT-edge-cloud continuum is rapidly reshaping how urban services are designed and delivered. However, these advancements do not come without risks: cybersecurity, privacy, compliance with evolving regulatory frameworks (such as the EU AI Act, Data Governance Act, and Cyber Resilience Act), and ethical concerns must be addressed from the start. This workshop stands out because it integrates both technological and regulatory perspectives. Participants will discuss not only the latest technological innovations but also how to embed intelligence in a way that respects citizen rights, enhances trust, and complies with regulations: ENSURE brings a holistic, system-of-systems view to urban intelligence, considering societal, ethical, and regulatory impacts.

Topics of interest include, but are not limited to:
- Embedding intelligence in smart municipalities
- Edge AI
- IoT-edge-cloud continuum for urban environments
- Smart Cyber Physical Systems of Systems
- Security, Privacy and Compliance with regulatory frameworks
- Distributed and pervasive systems for smart cities
- Trusted data spaces and federated data infrastructures for smart cities
- Embedded and cyberphysical systems for smart cities, regions and municipalities
- Industrial systems for smart municipality infrastructures
- Applications and services in smart municipalities
- ML and AI in smart environments
- Emerging network technologies for smart municipalities
- Society 5.0
- Legal and regulatory aspects of smart cities, regions and municipalities

Submission of Papers:
All accepted papers will be hosted on IEEE Xplore as peer-reviewed archival. Submissions are expected to not have been published or submitted elsewhere.

Full technical papers must be formatted using the IEEE 2-column format and not exceed 6 pages for full paper submissions or not exceed 4 pages for short paper submissions. Short papers can be positioning papers and work in progress reports which are also very much welcome.

Submission platform: https://easychair.org/my/conference?conf=isc22025
For any questions regarding the workshop: markus.tauber@researchstudio.at