

Call for Papers

AI for Smart City Applications (ASCA 2025) Symposium

The 21st International Wireless Conference on Communications and Mobile Computing (IWCMC'25)

Website: <http://iwcmc.org/2025/>

Submission Link: <https://edas.info/newPaper.php?c=32919>

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Scope

In the rapidly evolving landscape of smart cities, the integration of both artificial intelligence (AI) methods and robust security solutions become paramount to enhancing efficiency, sustainability, and quality of life of citizens leading to a responsible and privacy-preserving implementation of smart city applications. This symposium aims to bring together academic and industry researchers that work on how AI and Security could bring trust and efficiency in smart cities applications, especially in terms of innovative approaches using cutting edge technologies that allow better services for citizens while preserving their privacy. Through shared insights and practical solutions, we aspire to create a roadmap for the responsible implementation of AI in smart city applications, ensuring that these advancements contribute positively to urban life. Focus on application domains like Intelligent Transportation Systems (ITS), smart health, and smart homes is encouraged.

Topics

Accepted papers will be published in the IEEE IWCMC 2025 proceedings and will be submitted to the IEEE digital library (IEEE Xplore). Authors are welcome to submit original papers (not published before and/or simultaneously to another venue) with topics that include but are not limited to:

- Security and Privacy in Smart City Applications
- Generative Adversarial Networks for Smart Cities
- AI-based solutions for Road safety and Traffic Management
- Risk-Aware systems for Intelligent Transportation
- AI-based solutions for Road congestion and Crowd management
- Privacy-preserving Smart City Video Surveillance
- Automated Weapon Detection and Public Safety Analytics
- Crowd Sensing in a Smart City
- Cybersecurity Measures for Smart City Infrastructure
- Smart Health prediction, detection and diagnosis
- AI-Driven Predictive Health Monitoring
- Behavioral recognition in Smart Homes and Appliances
- Home Energy Management Systems as well as other related topics.

Important Dates

Deadlines will follow the main conference announced dates.

Note: Within this symposium, there will be one Best Paper Award.