



11th International Conference on Control,
Decision and Information Technologies

July 15- 18, 2025

Split, Croatia

CALL FOR PAPERS - SPECIAL SESSION

"AI and Intelligent Transportation Systems: Innovations and Challenges"

for **CODIT 2025**

July 15-18, 2025 ▪ Split, Croatia

Session Co-Chairs:

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Session description:

This special session deals with the problem of integrating Artificial Intelligence (AI) into Intelligent Transportation Systems (ITS) to create smarter, safer, and more efficient mobility solutions. AI has the potential to transform ITS by optimizing traffic flow, enhancing road safety, enabling real-time decision-making, and supporting sustainable mobility. Moreover, AI techniques are increasingly applied to address critical issues in security, privacy, and trust, ensuring that transportation systems remain robust, ethical, and resilient against threats and vulnerabilities.

The goal is to explore innovative AI-driven solutions and discuss their applications in optimizing transportation efficiency, managing risks, and enhancing trust in intelligent mobility systems.

The topics of interest include, but are not limited to:

- AI-powered traffic management and congestion prediction.
- Machine learning for real-time route optimization and predictive analytics.
- Computer vision applications in autonomous vehicles and road safety.
- Smart infrastructure and IoT integration in transportation systems.
- Public transportation optimization and multimodal mobility solutions.
- Security challenges and solutions in ITS, including threat detection and mitigation.
- Privacy-preserving AI techniques for transportation data.
- Trust and explainability in AI models for ITS decision-making.
- AI for sustainable and energy-efficient transportation.

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2025**: <http://controls.paperecept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2025** link "Submit a Contribution to CoDIT 2025" and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

February 07, 2025: deadline for paper submission

April 27, 2025: notification of acceptance/reject

May 17, 2025: deadline for final paper and registration