



CTS 2024

17th IFAC Symposium on
Control in Transportation
Systems

July 1-3, 2024
Ayia Napa, Cyprus

The 17th IFAC Symposium on Control in Transportation Systems (CTS 2024) will be held on *July 1-3, 2024*, in Grecian Bay Hotel, Ayia Napa Cyprus. The venue has excellent conference facilities, and it is located in a quiet area yet within walking distance of the center of Ayia Napa. This is a popular tourist town with many restaurants and entertainment clubs. In addition, the city is close to the center of Savona, with its historic monuments, restaurants, and shopping areas, just a walk to the seaside.

Important Dates

Paper submission deadline: **March 1st, 2024**

Notification of acceptance: **May 1st, 2024**

Final paper submission and early registration deadline: **June 1st, 2024**

Scope and Objective

The Symposium will provide an interesting opportunity for the academic and industrial communities to investigate new ideas, to share innovative solutions, and to discuss future research directions in the area of control in transportation systems. The main scope of the Symposium refers to the development of automatic control methods and tools for the analysis, supervision, and management of transportation systems. The increasing complexity of freight logistic networks, the technological developments in transportation systems, and the necessity of managing all the transportation modes in an efficient, synchronized, and integrated way require the continuous development of innovative control approaches in the field. The present and future transportation systems to be controlled present further new challenges for researchers, since they must be designed as smart, safe, and sustainable mobility environments.

Technical Topics

- Technical topics of the conference include but are not limited to:
- Modelling and control of road traffic networks
- Urban mobility systems
- Planning and management of ports and terminals
- Planning and control problems in freight transportation networks
- Maritime transportation planning and control
- Control of connected and automated vehicles
- Rail transportation modelling and control systems
- Technologies for control in transportation
- Cooperative logistics
- Planning and management of public transportation
- Safety and security in transportation systems
- Human factors in traffic and transportation control
- Control and scheduling of air transportation
- Multimodal transport modelling, monitoring, and control
- Simulation tools and commercial software
- Energy control in transportation