

## CTS 2018

15th IFAC Symposium on Control in Transportation Systems  
Savona Campus, University of Genova, Italy

**June 6-8, 2018**

For more information visit us on  
[www.cts2018.unige.it](http://www.cts2018.unige.it) or contact us at [cts2018@unige.it](mailto:cts2018@unige.it)

The 15th IFAC Symposium on Control in Transportation Systems will be held on June 6-8, 2018, in Savona Campus, a branch of the University of Genova, Italy. The university Campus is very close to the city centre with its historical monuments, restaurants and shopping areas, just a walk to the seaside. 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.

🎯 **Paper submission deadline:**  
October 10, 2017

🎯 **Notification of acceptance:**  
December 31, 2017

🎯 **Final paper submission and early registration deadline:**  
February 28, 2018

**Early registration fee:** €450 / **Student registration fee:** €250

### 🎯 Organizing Committees

**NOC Chair:** Simona Sacone (University of Genova, Italy)  
**NOC Co-Chair:** Silvia Siri (University of Genova, Italy)  
**NOC Vice-Chair from Industry:** Nadia Mazzino (Ansaldo STS, Hitachi Group, Italy)  
**IPC Chair:** Bart de Schutter (Technical University of Delft, The Netherlands)  
**Editor:** Antonella Ferrara (University of Pavia, Italy)

### 🎯 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

### 🎯 Paper submission

Authors are invited to submit draft papers with original results. All manuscripts will be electronically submitted through the *PaperPlaza Conference Manuscript Management System*. Guidelines for the preparation of manuscripts are provided on the IFAC website (<https://www.ifac-control.org/events/author-guide>). Final manuscripts will be limited to six double-column pages. The Symposium program will also include *Special Tracks*:

#### **Freeway Traffic Control**

Track Editor: *Claudio Roncoli (Aalto University, Finland)*

#### **Urban Traffic Control**

Track Editor: *Jack Haddad (Israel Institute of Technology, Israel)*

#### **Connected and Automated Vehicles**

Track Editor: *Dan Work (University of Illinois, USA)*

#### **Automotive Control**

Track Editor: *Simona Onori (Clemson University, USA)*

#### **Road Traffic Modelling**

Track Editor: *Paola Goatin (INRIA, Sophia Antipolis, France)*

#### **Ports, Terminals and Logistic Networks**

Track Editor: *Mariagrazia Dotoli (Polytechnic University of Bari, Italy)*

#### **Decision and Control in Railways**

Track Editor: *Alfredo Nuñez (Delft University of Technology, The Netherlands)*

#### **Air Traffic Management and Control**

Track Editor: *Gokhan Inalhan (Istanbul Technical University, Turkey)*

## Registration

| Registration Type | Within 28/02/2018 | Within 15/05/2018 | After 15/05/2018 |
|-------------------|-------------------|-------------------|------------------|
| Regular           | €450              | €500              | €600             |
| Student           | €250              | €250              | €250             |

**Regular registration** fees include access to all congress sessions, conference material, conference banquet, lunches, coffee breaks and a half-day technical visit to the port of Genoa. **Student registration** fees include access to all congress sessions, conference material, lunches and coffee breaks. For each accepted paper, one author must register, pay the registration fee and personally present the paper at the conference. The registration fee covers one accepted paper. Note that the inclusion of the paper presentation in the conference program and the publication of the paper in the conference proceedings is subject to the registration and payment of at least one of the authors.

## Committees

**IFAC Technical Committee Main-Sponsor:** TC7.4  
Transportation Systems

**IFAC Technical Committee Co-Sponsors:** TC 7.1.  
Automotive Control, TC 7.2. Marine Systems, TC 7.3.  
Aerospace, TC 7.5. Intelligent Autonomous Vehicles

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(University of Genova, Italy)

**National Organization Committee Co-Chair:** Silvia Siri  
(University of Genova, Italy)

**National Organization Committee Vice-Chair Industry:**  
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