



**INTERNATIONAL CONGRESS
ON TRANSPORT INFRASTRUCTURE AND
SYSTEMS**



**EMERGING TECHNOLOGIES TO ENABLE
SMARTER, GREENER AND MORE EFFICIENT MOVEMENT OF PEOPLE AND
GOODS AROUND THE WORLD**



April 10-12, 2017
ROMA
ACI Headquarters

TIS ROMA 2017

The Transport Infrastructure and Systems TIS International Congress aims to promote and discuss efficient planning, design, construction and maintenance of transport infrastructure and systems by addressing important issues related to roads, railways, airports, maritime and intermodal systems.

The congress, focused on emerging technologies to enable smarter, greener and more efficient movement of people and goods around the world, aims to present and discuss current knowledge of the ever-changing challenges to scientists, engineers, managers, and professionals from around the world who are involved in sustainable development and maintenance of transport infrastructure and systems.

In many countries, transport infrastructure is currently strained to a state of limited functionality. Increased ridership and depleting funds have caused many Agencies to become concerned with the future of facilities. Much maintenance is required on infrastructure, and their capacity is in desperate need of expansion. Along with the declining state of transport infrastructure is a growing concern for the need to recognize and mitigate mankind's impact on the natural environment.

A more sustainable solution to transport infrastructure and systems problems must be assessed. Infrastructure can have a large negative impact on surrounding ecosystems and overall environmental quality. The next step in infrastructure's advancement needs to include practices that reduce their effect on the natural environment, increase capacity, and benefit society beyond the ability of current infrastructure. This can be achieved by thinking to transport infrastructure that mitigate the negative impact on the environment, include more sustainable practices than modern construction techniques, and consist of maximizing the lifetime of an infrastructure. Sustainable construction techniques include the use of recycled materials, ecosystem management, energy reduction, increasing the water quality of storm water runoff, and maximizing overall societal benefits. Dynamic and liveable cities rely on efficient mobility systems, and road safety plays a large part in this.

AIIT

AIIT, the Italian Association for Traffic and Transport Engineering, was established in Padua in 1957. It is a point of reference and meeting for experts and all people interested in mobility techniques, for both passengers and goods, by all modes: road, rail, air and sea. The main aim is to contribute to the improvement of traffic and transport in terms of safety, fluidity and comfort, having high consideration for environmental values. The seat is in Rome since 1990, but the Association operates through 12 Regional Sections – that organize lectures, conferences, training and refresher courses – and a Study and Research Branch. The Central Office coordinates the activities and arranges for national events.

OUR HOSTING INSTITUTION

ACI, Automobile Club d'Italia, represents and protects the interests of Italian motoring, by promoting its development through the dissemination of a new culture of mobility. ACI has 3 main missions: Institutional, Public and Sporting.

TIS ROMA 2017

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AIIT International Congress on Transport Infrastructure and Systems

Venue: Rome, ACI Building, Via Marsala, 8

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Program

Monday, April 10, 2017

8.30-9.00	Registration		
9.00-10.30	Opening Ceremony – Hall 1 “Assemblea”		
10.30-11.00	Coffee Break		
11.00-13.00	Session 1 – Hall 1 “Assemblea” Transportation Policy and Sustainability	Session 4 – Hall 2 “Project GASTone” Transportation Management	Session 7 – Hall 3 “ASPOR” Road Geometric Design
13.00-14.00	Lunch		
14.00-16.00	Session 2 – Hall 1 “Assemblea” Sustainable Mobility Planning	Session 5 – Hall 2 “Project GASTone” Mobility Planning and Traffic Models	Session 8 – Hall 3 “ASPOR” Road Safety Planning and Interventions
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17.00-20.00	AIIT Members Annual Meeting – Hall 1		
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Wednesday, April 12, 2017

8.30-9.00	Registration		
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AIIT International Congress on Transport Infrastructure and Systems

Monday, April 10, 2017

Opening Ceremony – Hall 1 “Assemblea” (9.00-10.30)	Chairman <i>Gianluca Dell’Acqua</i>
<p>Welcome speeches</p> <p><i>Francesco Tufarelli</i> ACI Secretary General</p> <p><i>Jean Todt</i> (video message) FIA President</p> <p><i>Giovanni Mantovani</i> AIIT President</p> <p>Opening Lecture: “A new look at planning and designing transportation systems” <i>Ennio Cascetta</i> Chief of the Technical Structure of Mission for the strategic planning, infrastructure development and the high supervision at the Ministry of Infrastructure and Transport.</p> <p>Congress Overview <i>Fred Wegman</i> Professor Emeritus, Delft University of Technology</p>	

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Technical Visit 1 (15:00-18:00) - Only for Attendees with confirmed reservation <i>ACI Safe Driving Centre, in Campagnano (transfer by bus)</i>
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Technical Visit 2 (15:00-17:00) - Only for Attendees with confirmed reservation <i>HS Railway control Centre, in Central Railway Station “Roma Termini” (transfer on foot)</i>

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