



INTERNATIONAL CONGRESS
on
TRANSPORT INFRASTRUCTURE and SYSTEMS

*Emerging technologies to enable the smarter, greener and more
efficient movement of people and goods around the world*

April 10/12, 2017
Rome, Italy

Call for Papers and Registration

<http://www.tisroma.aiit.it>

**Abstracts submission deadline
June 5, 2016**

About the Congress

The objective of the AIIT International Congress TIS Rome 2017 is to promote transport as a growing industry, and its current significance. The Congress provides a forum for discussion, interactions and exchange among researchers, scientists and engineers whose fields of interest are transport and infrastructure engineering. The congress is organized by the Italian Association for Traffic and Transport Engineering (AIIT, 1957-2017: 60 years old). The meeting program will cover all transportation modes, with more than 100 presentations in sessions and workshops, addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions. The complete TIS international Congress program will be posted to the Congress website - <http://tisroma.aiit.it> - in February 2017. **TIS Rome 2017 proceedings will be published by CRC Press/Balkema Taylor & Francis Group.**

Congress Topics

Papers presenting contemporary research about different transportation modes are welcome, including air, road, railway, logistics, maritime and inland waterways. The congress program will cover the following topics, but will not be limited to:

Transport Infrastructure

Asset management in transport infrastructure, financial viability of transport engineering projects/ Life cycle Cost Analysis, Life-Cycle Assessment and Sustainability Assessment of transport infrastructure/ Infrastructures financing and pricing with equity appraisal, operation optimization and energy management/ Low-Volume roads: planning, maintenance, operations, environmental and social issues/ Public-Private Partnership (PPP) experience in transport infrastructure in different countries and economic conditions/ Airport Pavement Management Systems, runway design and maintenance/ Port maintenance and development issues, technology relating to cargo handling, landside access, cruise operations/ Building Information Modelling (BIM) for infrastructure to improve quality and increase productivity on highway, rail, airport and other infrastructure projects/ Pavement design and innovative bituminous materials/ Recycling and re-use in road pavements, environmentally sustainable technologies/ Stone pavements, ancient roads and historic railways/ Cementitious stabilization of materials used in the rehabilitation of transportation infrastructure

Transport Systems

Sustainable transport and the environment protection including green vehicles/ Urban transport, land use development, spatial and transport planning/ Bicycling, bike, bike-sharing systems, cycling mobility/ Human factor in transport systems/ Pedestrian traffic and modelling/ Intelligent Mobility: emerging technologies to enable the smarter movement of people and goods/Airport landside: access roads, parking facilities, terminal facilities, aircraft apron and the adjacent taxiway/ Transportation policy, planning and design, modelling and decision making/ Transport economics, finance and pricing issues, optimization problems, equity appraisal/ Road safety impact assessments, road safety audits, the management of road network safety and safety inspections/ Tunnels and underground structures: preventing incidents-accidents mitigating their effects for both people and goods, evacuation modelling/ Traffic flow characteristics, traffic control devices, work zone traffic control, highway capacity and quality of service/ Track-vehicle interactions in railway systems, capacity analysis of railway networks/ Risk assessment and safety in air and railway transport, reliability aspects/ Maritime transport and inland waterways transport research/ Intermodal freight transport: terminals and logistics

Official Languages of the Congress

English & Italian.

Abstract and Paper Submission

The submission and review of abstracts and papers for the AIIT-IC 2017 will be managed through “Easy Chair” an online congress paper management system. Authors are invited to submit their abstracts no later than June 5, 2016. Abstracts should be text only, about 300 words long, and should be written in English. Also at least 3 keywords should be provided. The authors will be informed about the acceptance of the abstracts no later than June 15, 2016. Authors of the accepted abstracts are invited to submit full papers using the template on the website www.aiit.it, no later than September 15, 2016. Both, abstracts and full papers will be reviewed by two international reviewers.

Important dates

Abstracts submission deadline: June 5, 2016

Information of the acceptance: June 15, 2016

Full paper submission deadline: September 15, 2016

Information of the acceptance: September 30, 2016

Revised paper submission deadline: October 15, 2016

PowerPoint presentation submission deadline: March 10, 2017

Congress: April 10-12, 2017

Michael T. Long Best Paper, Best PhD Student Paper and Best Student Paper Awards

A Best Paper and a Best Student Paper Award in memory of Michael T. Long will be given to papers of outstanding quality presented at the TIS 2017 Congress. One award will be made in each category, and the awards are limited to papers that are included in the Congress proceedings. A Best PhD Student Paper Award requires a student or a group of students collectively, who have made the most significant contribution to the paper. A Best Student Paper Award requires a student or a group of students collectively, who have made the most significant contribution to the paper. Award decisions are made by an Awards Committee formed among members of the TIS Scientific Committee or the wider research community.

CONTACTS

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