Sustainability, Eco-Efficiency, and Conservation in Transportation Infrastructure Asset Management

Pisa, ITALY April 22-25, 2014

FOREWORD

The Department of Civil and Industrial Engineering at the University of Pisa is very pleased to announce the 3rd International Conference on Transportation Infrastructures - ICTI 2014 - which will be held in April 2014 under the auspices of the International Society for Maintenance and Rehabilitation of Transportation Infrastructures (iSMARTi). This conference is the third in a highly successful series that began in China followed by the second conference in Brazil, and it occurs at four-year intervals.

The ICTI series aims to promote and discuss efficient planning, design, construction and maintenance of transportation facilities and infrastructure assets by addressing important issues related to roads, railways, airports, intermodal and mass transit systems.

The 3rd ICTI 2014 is focused on sustainable development and preservation of transportation infrastructure assets, by eco-efficient and cost-effective actions needed to correct undesirable situations. The conference 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 transportation infrastructure assets.

CONFERENCE TOPICS

Strategies, analytical tools, ideas and models that can be used to achieve sustainability of transportation infrastructure, with particular focus on minimizing ecological damage and conserving human lives, reducing greenhouse gas and noise pollution while maximizing the system efficiency through minimizing the use of energy and natural resources. Conference themes will include the following topics:

- Advanced modeling tools (LCA, LCC, BCA, performance prediction, design tools and systems)
- Data management (monitoring and evaluation)
- Emerging technologies and equipments
- Innovative strategies and practices
- Environmental sustainability issues
- Eco-friendly design and materials
- Re-use or recycling of resources
- Pavements, tracks, and structures
- Case studies

CALL FOR PAPERS

Prospective authors are invited to submit an abstract (300 word maximum) online on the Conference web site http://www.ing.unipi.it/icti2014 by 15 April 2013. The abstract should include paper title, authors name(s), brief description of the objective, scope, and outcome of the research.

PUBLISHING

Conference papers will be published and indexed in Scopus as ICTI 2014 Conference proceedings. Authors of selected conference papers will be offered to supplement or modify their papers for possible publication in scientific journals.

SOCIAL PROGRAM

Conference Gala Dinner, guided excursions in Pisa and other excursions to Florence, Siena and Lucca are planned. Detailed information will be provided at the Conference web site http://www.ing.unipi.it/icti2014 several months before the event date.

IMPORTANT DATES

April 15, 2013 Abstract submission
May 1st, 2013 Notification of abstract acceptance
August 15, 2013 Submission of draft papers
November 10, 2013 Notification of paper acceptance
December 10, 2013 Submission of final papers
December 31, 2013 Final decision (acceptance subject to conference registration by author)
February 15, 2014 Early-bird registration
April 15, 2014 Conference registration
April 22-25, 2014 Conference

CONTACT INFORMATION

Congress Management: Santina Massenzio
University of Pisa
Department of Civil and Industrial Engineering
Largo L. Lazzarino, 1
56126 Pisa ITALY
Phone +39 050 2218063
Fax +39 050 2218065
e-mail icti2014@ing.unipi.it
http://www.ing.unipi.it/icti2014