



Building up Efficient and Sustainable Transport Infrastructure



Preliminary Invitation to the International Conference

held in Prague, Czech Republic
September 21–22, 2017

Detailed information will be announced
in April 2016

Conference Scope & Invitation

The world is continuously on the move, the mobility is understood as one of key freedoms and as a crucial condition for the economic growth and social development. It is hard to imagine a sector more important for the everyday life of all the people than transport infrastructure. In the EU's Europe 2020 growth strategy, under the flagship initiative "Resource Efficient Europe", the need to "develop smart, upgraded and fully interconnected transport infrastructures" is defined as one of the main tasks for the member states within the following years.

The transport infrastructure structures are designed for many decades ahead, therefore our today's decisions and outputs will affect several future generations. At the same time, infrastructures embody huge volumes of non-renewable resources and the efficient use and management of these resources is therefore more than important. Research and innovations play a significant role in the responsible attitude to planning. We have to search for new technical and management approaches that will allow for savings of raw materials and energy, as well as for solutions that are smart, durable, friendly to the environment and cost-efficient in long-term prospects.

The intention of the BESTInfra 2017 international conference is to enable the transfer of the latest ideas regarding the transport infrastructure design, construction, operation and maintenance between the industrial, public and academic sector, between various specializations and across countries. By bringing together experts from various fields, the organizers would like to contribute to the implementation of the "Building Up Infrastructure Networks of a Sustainable Europe" initiative of the European Construction Technology Platform.



It is a great pleasure for me to invite you to BESTInfra 2017!

Alena Kohoutková

Head of the Centre for Effective and Sustainable Transport Infrastructure

Dean of the Faculty of Civil Engineering, Czech Technical University in Prague

Conference Topics

The conference will be divided into sessions focused on the following main topics:

- Low-energy and high-performance materials
- Roads, bridges and tunnels with increased durability and extended service life
- Advanced technologies and smart solutions for railways
- Systems of management, durability assessment and life cycle cost analysis in transport infrastructure
- Environment protection and green transport infrastructure
- Safety, security and diagnostics of structures

English will be the official language of the BESTInfra2017. Selected papers will be submitted for publication in renowned SCOPUS indexed journal.

Plenary lectures have been preliminarily confirmed by Dr. Thierry Goger (General Secretary, FEHRL), Dr. Miguel Segarra Martinez (Head of RDI, Dragados), Benn Kidd (Global Research Leader, ARUP) and Prof. Jose C. Matos (Universidade do Minho).

Training School of COST TU 1406 (Quality specifications for roadway bridges, standardization at a European level) will be organized in Prague together with the conference.

Conference Venue

The conference will be organized in the premises of the Faculty of Civil Engineering, Czech Technical University in Prague.

With dozens of fascinating historical monuments, the charming old town and breathtaking sceneries, Prague is considered to be one of the most beautiful cities in the world.



Organisers



The conference will be organized by the Centre for Effective and Sustainable Transport Infrastructure (CESTI) and the Faculty of Civil Engineering, Czech Technical University in Prague.

CESTI is a research centre focused on technical innovations of transport infrastructure. CESTI joins important technical universities, construction companies, designers, consultants and laboratories involved in the field of transport infrastructure in the Czech Republic.

CESTI & BESTInfra 2017 Participants



Czech Technical University in Prague
Faculty of Civil Engineering



Technical University of Ostrava
Faculty of Civil Engineering



CENTRUM
DOPRAVNÍHO
VÝZKUMU



SKANSKA



Společnost skupiny VINCI
CONSTRUCTION



Zkušební laborator, výzkum
a poradenské služby ve stavitelství



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