

# Workshop on Highway Engineering Specifications: Perspectives from China and Pan-Russia

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## Announcement

### 1. Background and scope

With the trend of globalization, international cooperation and communication becomes important, such as in economical, scientific, and technological fields. In highway engineering, the specification application, as well as specification renew and development, has great influence not only in industry but also in academic field. The “One Belt and One Road Initiative (OBOR)” connecting Eurasian countries brings more opportunity and challenges. It positively promotes the increasing infrastructure projects in Eurasian countries.

One of the biggest challenges that impedes the collaboration and communication between Chinese companies and foreign cooperators is the differences in specifications, including infrastructure design, maintenance, construction, management, quality control and assurance, etc. Therefore, it needs a platform for experts and scholars from different countries to share, exchange, integrate and identify the critical specification differences.

Meanwhile, as the two important countries among “Silk Road Economic Belt”, China and Russia need more exchange and further communication in specifications. Additionally, the specifications in Pan-Russia region are similar with that of Russia. Hence, Chang’an University is going to host the **“Workshop on Highway Engineering Specifications: Perspectives from China and Pan-Russia”** to provide a state-of-the-art international forum to address infrastructure related specifications with an emphasis on highway engineering in China and Pan-Russia. The specifications welding between China and Russia would benefit all engineers and scholars of each other.

It is intended to create a platform for highway engineers, research scholars, specification authorities and consultants to exchange and update information for better cooperation.

You are cordially welcome to attend our workshop from domestic and overseas!

### 2. Primary objectives

- To provide a workshop for scholars and engineers in China and Pan-Russia to compare the current specifications
- To offer a better understanding of the barriers for companies to work effectively in other countries
- To identify emerging specifications in the use and application
- To highlight emerging practices between China and Pan-Russia with respect to evolving technologies, methods, and tools
- To help practitioners incorporate into decision making the appropriate solutions to reduce risks in overseas projects
- To host a workshop to enable professionals to cooperate and to transfer knowledge among China and Pan-Russia experts

### 3. Organizer and Sponsors

The workshop is hosted by Innovation Introducing Talents Base for Sustainable

Dec. 14, 2017, Xi'an China

## Workshop on Highway Engineering Specifications: Perspectives from China and Pan-Russia

Development of Highway Engineering in Special Regions at Chang'an University, in Xi'an Province, China.

The Base is jointly supported by State Administration of Foreign Experts Affairs and Ministry of Education of P.R. China. The workshop will be also co-sponsored by the Ministry of Transportation of PR China and the China Highway and Transportation Society (CHTS).

### 4. Topics

- Specifications of China and Pan-Russia in Highway Engineering related topics, such as pavement structure/material design, geotechnical design, bridge design, tunnel design, drainage system design.
- Construction management comparisons, including asset management, scheduling, planning, supply chain management, construction procedures.
- Emerging construction, maintenance, preservation and rehabilitation specifications
- Government and implementation policy studies

### 5. Venue

The workshop will be hosted by Chang'an University on **Dec. 14, 2017**, Xi'an China.

The Xi'an city was the start point of the "Silk Road" that linked China with central Asia and Roman Empire. As a famous inland city in the northwestern China, Xi'an is also a well-known modern and international tourist city, with attractions such as the Bell Tower, Big Goose Pagoda, Terracotta, and City Wall, etc. Special local snacks in Xi'an are also popular at home and abroad. Besides, Xi'an provides fast and convenient transportation and communication with mild weather and complete travel establishments.

### 6. Workshop Language

Chinese, English, and Russian will be the official language.

### 7. Chair and Secretary

**Chair:** Prof. Aimin Sha, Chang'an University (China)

**Co-Chair:** Prof. V. Mozgovyi, Academician, National Transportation University (Ukraine)

**Secretary:** Dr. Zhuangzhuang Liu, School of Highway, Chang'an University

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Dec. 14, 2017, Xi'an China

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### Application form

Affiliation				
Address				
Contact			Tel.	
Name	Gender	Title	Email	Tel.

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