



## INTRODUCTION

The 2nd International Conference on Railway Engineering, ICRE 2012, will be held in Beijing Jiaotong University (BJTU). This conference, aimed at providing a senior platform of exchanges for professionals in the areas of High-speed Railway, Heavy Haul Railway and Urban Rail Transit, will facilitate the development of domestic Railway Engineering discipline and serve as a technical support and guarantee for the construction of High-speed, Heavy Haul Railway and Urban Rail Transit. Various topics concerning key technologies of Railway Engineering will be covered in the conference, which is convoked by Beijing Jiaotong University and Beijing Key Laboratory of Track Engineering and to be held in July, 2012.

We sincerely welcome specialists working in the relating areas from all over the world to attend this grand meeting.

The Conference information updated can be seen at the Web site.

## SUBJECTS

This conference will be focused on the following issues

### 1 planning and design

- Network operation of urban rail transit
- Decision and planning of urban rail transit
- Theory and Technology of railway design

- Theory and Practice of Comprehensive Transport Planning

### 2 Track Structure

- Theory and method of track engineering design
- Method of large-size switch for high-speed railway design
- Technology on trans-section CWR
- Track technology of heavy railway

### 3 Subgrade Engineering

- New structure of subgrade and deformation control technology of high-speed and heavy rail
- Subgrade and foundation reinforcement technology under complicated geological conditions
- Condition monitoring, evaluation and reinforcement of railway subgrade
- Study on the influence to subgrade of existing railway from near contraction

### 4 New technology of rail transit

- New technology of Railway engineering surveying and Investigation
- Information Technique of Permanent way management
- Vibration and noise reduction technology of railway engineering
- New technology of testing and monitoring of railway engineering
- New technology of construction of railway engineering
- New technology related to new Urban Rail Transit
- Control technology of environmental impact of railway engineering
- Project risk management for railway and urban rail transit engineering

### 5 Others

- New technology and theory of bridge and tunnel engineering related to railway engineering

## Submit of Abstract and Paper

In order to present the issue, the abstract should be as detailed as possible within 500 words. The abstract can be written in English or Chinese. It should be submitted to committee before November 30<sup>th</sup>, 2011 by e-mail.

Information as followed should be included in abstract.

(1) Title of paper.

(2) Information of author, including name, company, address, e-mail, phone, and fax number.

(3) The abstract should include study background, research aims, technology used, and major conclusions.

Please submit abstract and paper in .doc format by e-mail to [ICRE2012@bjtu.edu.cn](mailto:ICRE2012@bjtu.edu.cn).

## Important Date

2011.11.30 Deadline to submit abstract  
 2012.12.20 Notification of abstract acceptance  
 2012.03.30 Deadline to submit paper  
 2012.04.15 Notification of full paper acceptance  
 2012.04.30 Deadline to submit the final copy  
 2012.7.20-21 Panel discussion

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### Conference Language and Retrieval

Language: English or Chinese  
Retrieval: Conference proceedings will be published officially by China Railway Publishing House, ISTP retrieval for English Papers.

### Contact us

E-mail: [ICRE2012@bjtu.edu.cn](mailto:ICRE2012@bjtu.edu.cn)  
Website: <http://www.ICRE2012.com>  
Contact person: Dr.Yupeng Shen, [ypshen@bjtu.edu.cn](mailto:ypshen@bjtu.edu.cn)  
Hui Gong, [Hgong@bjtu.edu.cn](mailto:Hgong@bjtu.edu.cn)  
Tel: +8610 5168 3954, +8613718317910  
Fax: +8610 5168 3954  
Address: School of Civil Engineering, Beijing Jiaotong University, Beijing  
Zip Code: 100044

### Conference Secretariat

E-mail: [ICRE2012@bjtu.edu.cn](mailto:ICRE2012@bjtu.edu.cn)  
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### Others

The schedule, accommodation, transportation and other related information will be posted online in the future.