

**The 2nd International Symposium on Jointless & Sustainable Bridges（ISJSB2019）**

**July 15-19, 2019**

**Hosting Organization:**

International Association of Jointless Bridges (IAJB)

**Organizers:**

Northeast Forestry University (NFU)

Fuzhou University (FZU)

International Association of Bridge Earthquake Engineering (IABEE).

Committee of Sustainable Civil Engineering, Urban Science Research Institute, China

**Conference Location:**

Northeast Forestry University, 26 Hexing Road, Xiangfang District, Harbin, Heilongjiang, China

**About the Symposium**

**Introduction**

Sustainability is a holistic concept that is becoming increasingly important in the construction sector. Jointless bridge meeting sustainable development trend has been widely used in developed and is being promoted to developing countries. Compared with the conventional bridge, it has lower maintenance costs due to elimination of joints, improved vehicular riding quality due to the smooth, uninterrupted deck, lower noise, as well as larger mitigation capability against disaster.

In order to promote the application and development of jointless bridges, the International Association of Jointless Bridges (IAJB) was established during the first international Workshop of jointless bridge held in Fuzhou (China) on March 8-14, 2014. Subsequently, four workshops were held in China and the United States in 2015, 2016, 2017 and 2018, respectively. The jointless bridge terminology, international guideline, technical development direction and association work were discussed in these workshops and important progress was made.

The International Association of Jointless Bridge held the first International Symposium on Jointless & Sustainable Bridges (ISJSB'2016) in Fuzhou (China) from May 12th to 14th, 2016. Experts and scholars from China, United States, Canada, Italy, Spain, Germany and Turkey participated in the conference, and conducted in-depth discussions and exchanges on topics such as design, construction, maintenance and retrofitting of bridges without expansion joints. The topic of sustainable bridge technology was also discussed. The IAJB Association decided to hold the ISJSB meeting every three years, and to organize the second Symposium (ISJSB'2019) in Harbin (China) from July 15-19, 2019.

Experts and researchers are welcome to attend the Symposium to exchange ideas and experiences on bridge design, construction and maintenance issues as well as ideas for future growth and sustainability.

**Symposium Topics**

Topics to be covered in the Symposium include but are not limited to:

* Codes and guidelines for Jointless Bridges
* Soil Structure Interaction (SSI)
* Seismic Response and Resilience of Jointless Bridges
* Design of Jointless Bridges
* Retrofitting of existing conventional bridges to a new integral configuration
* Development of Sustainable Bridges
* New and high performance materials for durable Bridges
* Life cycle cost of Bridges
* Health monitoring of bridges
* Durability performance of bridges

**Registration**

The conference registration fee includes: a) attendance; b) proceedings in CD; c) lunch and coffee breaks; e) conference banquet and welcome reception.

Accompanying person will not receive the proceedings.

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| Registration Fee | Early Bird fee  Until June 15, 2019 | Standard Fee  After June 15, 2019 |
| Delegate | $600/￥4000 | $800/￥5500 |
| Student | $300/￥2000 | $400/￥2750 |
| Accompanying Person | $400/￥2750 | |

**Call for Abstracts**

A request for abstracts for the ISJS2019 Symposium is now open.

The abstract and full paper templates can be downloaded at: <http://jointlessbridges.fzu.edu.cn/>.

The abstract format file name is: [IAJB2019\_Abstract\_ Template](http://jointlessbridges.fzu.edu.cn/html/News/2016/12/16/241c49e2-5873-43a2-b15d-192a25e847c2.html); the full-text format file name is: [IAJB2019\_FULLpaper\_Template](http://jointlessbridges.fzu.edu.cn/html/News/2016/12/16/241c49e2-5873-43a2-b15d-192a25e847c2.html).

Please submit your abstracts by April 15, 2019 to the following emails:

***E-mail:***huangfuyun@fzu.edu.cn or [ldzhxldzhx@163.com](mailto:ldzhxldzhx@163.com;).

**Selected papers will be recommended for publication in a special issue of Journal of Bridge Engineering (2019, Jointless Bridge), ASCE.**

The author is requested to submit a manuscript with the English abstract and the title of the paper, the author's name, the affiliation, the mailing address, the telephone/fax number and the e-mail address before the deadline of abstract submission, and submit the full paper within the specified time. Please indicate the following when submitting the manuscript:

*2019 Seamless Bridge Workshop Secretariat*

*School of Civil Engineering, Northeast Forestry University*

*Harbin, Heilongjiang Province, China*

**Important Dates**

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| Abstract Submission | April. 15, 2019 |
| Abstract Acceptance | April. 30, 2019 |
| Full Paper Submission | May 30, 2019 |
| Pre-registration Due | June 15, 2019 |
| Symposium | July 15-19, 2019 |

**Committees**

**International Scientific Committee**

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| --- | --- |
| Philip W. Yen, Chair | International Association of Bridge Earthquake Engineering (IABEE), USA |
| Alp Caner | Middle East Technical University, Turkey |
| Alessandro Palermo | University of Canterbury, New Zealand |
| Anastasisos Sextos | University of Bristol, UK |
| Baochun Chen | Fuzhou University, China |
| Bijan Khaleghi | Department of Transportation, Washington State, USA |
| Bruno Briseghella | Fuzhou University, China |
| Camillo Nuti | University of Roma Tre, Italy |
| Christian Binder | Schimetta Consult ZTGmbH, Austria |
| Chengyu Li | University of Colorado at Denver, USA |
| Damien Champenoy | Civil Engineering Structures, Cerema Est, France |
| Frank Y. Chen | Pennsylvania State University, USA |
| Fuyun Huang | Fuzhou University, China |
| George Mylonakis | University of Bristol, UK |
| Giuseppe Carlo Marano | Fuzhou University, China |
| Habib Tabatabai | University of Wisconsin-Milwaukee, USA |
| Hans Petursson | Swedish Transport Administration, Sweden |
| Ian Buckle | University of Nevada, USA |
| Jiangang Wei | Fujian College of Engineering, China |
| Jianzhuang Xiao | Tongji University, China |
| Khaled Sennah | Ryerson university, Canada |
| Peter Dusicka | Portland State University, USA |
| Philippe Jandin | Civil Engineering Structures, Cerema Est, France |
| Qingguo Ben | Sujiao Group Co., Ltd., China |
| Qiuhong Zhao | Tianjin University, China |
| Roman Geier | Schimetta Consult ZTGmbH, Austria |
| Stergios A.Mitoulis | University of Surrey, UK |
| Thomas Kuhnle | Schimetta Consult ZTGmbH, Austria |
| Tianlai Yu | Northeast Forestry University, China |
| Voo Yen Lei | Dura Technology, Malaysia |
| Xu Ming | Tsinghua University, China |
| Yiyan Chen | Shenzhen Municipal Design and Research Institute Co., Ltd., China |
| Yongjian Liu | Chang’an University, China |
| Yuanfeng Wang | Beijing Jiaotong University, China |
| Yizhou Zhuang | Fuzhou University, China |

**Organizing Committee**

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| Tianlai Yu (Chair) | Northeast Forestry University, P.R.CHINA |
| Fuyun Huang (Co-Chair) | Fuzhou University, P.R.CHINA |
| Hongxiang Zhang (Secretary) | Northeast Forestry University, P.R.CHINA |
| Linda Kuo | International Association of Bridge Earthquake Engineering (IABEE), USA |
| Junqing Xue | Fuzhou University, China |
| Jiazhan Su | Fuzhou University, China |
| Yufan Huang | Fuzhou University, China |
| Guanglong Yu | Northeast Forestry University, China |
| Guowei Zhang | Northeast Forestry University, China |
| Yagebai Zhao | Northeast Forestry University, China |
| Hongguang Wang | Northeast Forestry University, China |
| Yan Yang | Fuzhou University, China |

**Conference Venue**

The conference is located at Northeast Forestry University in Harbin, Heilongjiang Province, China.

The meeting address is: Northeast Forestry University, No. 26, Hexing Road, Xiangfang District, Harbin, Heilongjiang Province, China.



Northeast Forestry University