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Yucai Zhong	Fuzhou University, P.R.CHINA



Sustainable and Innovative Bridge

Engineering Research Center

## Conference Venue

Hotel: Rong Qiao View Hotel, No.169 Min Jiang Street, Cang Shan District, 350028 Fuzhou, Fujian province, China.

The conference will be held at Fuzhou, Fujian Province, China. Fuzhou city is the capital and one of the largest cities in Fujian province, People's Republic of China.

<https://en.wikipedia.org/wiki/Fuzhou> - cite note-2

Fuzhou is the capital of Fujian Province. It has direct jurisdiction over 5 districts, 2 county-level cities, and 6 counties, with a population of 7,115,370 inhabitants as of the 2010 census. The city lies on the two banks of the estuary of Fujian's largest river, the Min River.

Fuzhou is a famous historical and cultural city. Major scenic spots include Sanfang Qixiang "Three Lanes and Seven Alleys" (A cluster of ancient residential buildings dating from the late Jin dynasty.), Lin Zexu Memorial Hall, West Lake (An artificial landscape-style lake built in 282), Hualin Temple (Built in 964, Song dynasty), Xichan Temple (Founded in 867), Wu Ta "Black Pagoda" (Originally built in 799, rebuilt in 936), Bai Ta "White Pagoda" (On the top of Mount Yu, originally built in 905, 67m in height, collapsed in 1534, rebuilt in 1548, 41m in height.), Yongquan Temple (Founded in 915, and located on the top of Mount Gu.) and so on.

Fuzhou can be conveniently reached by high-speed train or flight from the major cities of China. Overseas participants can reach Fuzhou, via Hong Kong (1 hour and 30 mins), Beijing (2 hours and 45 mins), Shanghai (1 hour and 10 mins) and Guangzhou (1 hour and 30 mins).



# The First International Symposium on Jointless Bridges



May 12-13, 2016, Fuzhou, China

Host: International Jointless Bridges (IJB)

Organizer: Fuzhou University

Conference address: Fuzhou, Fujian, China

# Call for papers

## INTRODUCTION

At present, many jointed bridges (JBs) have been constructed all over the world, in which expansion joints and bearings are installed in order to absorb cyclic thermal expansion and contraction, creep and shrinkage, and differential settlement. The expansion joints and bearings are easily damaged during service life due to the influence of increasing age, climate, environment and some unpredictable destructive effects of nature. Furthermore, the damaged expansion joints and bearings will produce a series of other diseases. Moreover, the maintenance cost and vehicle restrictions caused by frequent repair or the serious social impact produced by road closure are very huge. In order to resolve the durability problem of expansion joints and bearings, many engineers proposed the concept of jointless bridge. In this case, the jointless bridge, which can eliminate expansion joints and bearings, becomes the best solution. The concept of jointless bridges could be advantageously used in many situations, not only for the construction of new bridges, but also for the strengthening of existing bridges.

However, there are very limited applications in China and other developing countries. Even in USA and Europe, there is no a design code for JB's regardless of many JB's built, which indicates there are numerous researches to be done, ideas and experiences to be shared.

On March 11-13, 2014, the first international workshop on jointless bridges was successfully carried out in Fuzhou city, Fujian, China. Based on the many discussions of unsolved problems on jointless bridges in the workshop, all participants felt that it is very necessary to form an international association on jointless bridges, focusing on the research and knowledge-exchange on jointless bridges. After the consent of all participants, the association was built and managed by Fuzhou University. The all registered participants of the workshop will be automatically the first round members of the association. This symposium is initiated by the association of the International Jointless Bridges (IJB) and it will provide a forum for researchers, practicing engineers and structures owners to exchange ideas on improving our understanding of jointless bridge. The first symposium on jointless bridges will be held from May 12-14, 2016 in Fuzhou, China, as one of the most important events for the International Jointless Bridges (IJB). The conference is featured in many invited presentations by active researchers along with parallel sessions.

## CONFERENCE THEMES

Design of Jointless Bridges  
Construction of Jointless Bridges  
Maintenance, Retrofitting and Health Monitoring of Jointless Bridges  
Modeling and Analyses of Jointless Bridges  
Diagnosis and Detection of Jointless Bridges  
Guidelines and Specifications of Jointless Bridges  
Research Trends of Jointless Bridges

## IMPORTANT DATE

Abstract Submission	December 15, 2015
Abstract Acceptance	January 15, 2016
Submission of full papers	March 15, 2016
Pre-registration due	March 15, 2016
Symposium	May 12-13, 2016

## CALL FOR PAPERS

Author(s) are invited to submit a one page abstract in English with the paper title, authors' name, affiliation, mailing address, telephone/facsimile number and email address. The papers should be submitted by email to the conference secretariat:

Secretariat of Jointless Bridges 2016  
College of Civil Engineering, Fuzhou University  
Fuzhou, Fujian, P. R. CHINA

**E-mail:** [IJB2016@foxmail.com](mailto:IJB2016@foxmail.com)

**Website:** <http://jointlessbridges.fzu.edu.cn/>

## REGISTRATION FEES (Special funds have been secured to reduce the conference fees)

Delegate: US dollar 300/Chinese RMB 1800 (US dollar 350/  
Chinese RMB 2100 after May 8, 2016)

Student: US dollar 150/Chinese RMB 900 (US dollar 175/  
Chinese RMB 1050 after May 8, 2016)

Guest program: US dollar 150/Chinese RMB 900 (including all meals)

The conference registration fee covers attendance, proceedings in CD, coffee breaks and refreshments, conference banquet and welcome reception. Accompanying person will not receive the

## INTERNATIONAL SCIENTIFIC COMMITTEE

Philip Yen (Chair)	International Bridge Seismic Committee (IBSC)
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