

ISJSB 2019

The 2nd International Symposium on Jointless & Sustainable Bridges

Harbin, China, 15-19 July, 2019

Welcome to ISJSB 2019

The 2nd International Symposium on Jointless & Sustainable Bridges (ISJSB 2019) organized by International Association of Jointless Bridge (IAJB) will take place in Harbin from 16th July to 17th July, 2019. A myriad of topics will be discussed during the symposium including but not limited to Seismic Response and Resilience of Jointless Bridges, Design and Construction of Jointless Bridges, Retrofitting of Existing Conventional Bridges to a New Integral Configuration, Soil Structure Interaction (SSI), Development of Sustainable Bridges, and Durability performance of bridges, etc.

With an expected attendance of hundreds of industry professionals and specialists from across the globe, the symposium overlooks the future development of jointless bridges with a special focus on their sustainability and resilience. The application of jointless bridge is still in its infancy in China. Participants of the symposium will have an opportunity to exchange ideas and knowledge with others on the design, construction and maintenance of jointless bridges and provide their insights on the future research perspectives.

Famed as the 'Oriental Paris' and 'Eastern Moscow' in Asia, Harbin is the center of industrial and cultural capital of Northeast China. The city is notable for its historical Russian legacy as well as east-meets-west neoclassical-styled architectures blended with a Russian flair. With Harbin's mild summer weather, vibrant culinary indulgence and diverse attractions, participants will surely immerse themselves in a one-of-a-lifetime experience alongside with the local engineering scenes.

On behalf of the Organizing Committee, we welcome you to the symposium and look forward to meeting you this summer in Harbin.

Philip Yen

Chair of IAJB and the Organizing Committee

Organizer:

International Association of Jointless Bridge (IAJB)
Heilongjiang Provincial Transportation Investment Co., Ltd

Co-organizer:

International Association of Bridge Earthquake Engineering(IABEE)
Committee of Sustainable Civil Engineering, Urban Science Research Institute, China,
China Highway Association, Bridge and Structure Engineering Branch
China Highway Association, Heilongjiang Provincial Branch

Support Organizations:

Fuzhou University,
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Executive Organizer:

BRIDGE Magazine
Northeast Forestry University,
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Important Dates

Deadline for Abstract Submission	30th April, 2019
Notification of Abstract Acceptance	15th May, 2019
Deadline for Full Paper Submission	15th June, 2019
Duration of Symposium	15 th to 19 th July, 2019

Registration Fees

Registration Type	Early Bird Rate Until June 15, 2019
Delegate	\$400/¥ 2700
Student	\$200/¥ 1350

Symposium Themes:

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

- Seismic Response and Resilience of Jointless Bridges
- Design and Construction of Jointless Bridges
- Retrofitting of existing conventional bridges to a new integral configuration
- Soil Structure Interaction (SSI)
- Development of Sustainable Bridges
- Durability performance of bridges

Contact:

Registration and Sponsorship:

international@bridgecn.org

Abstract and Full Paper Submission:

ISJSB2019@126.com

2019/07/16 大会第一天 Day one		报告人与演讲题目 Speakers & Topics	
第一天 上午 Session 1	08:30-09:00	研讨会开幕式及合影 Opening Ceremony and Group Photo	
	09:00-09:35	Philip Yen (USA)	《美国无缝桥的整体特点及影响无缝桥性能的因素》 The General Characteristics and Factors Affecting the Performance of Jointless Bridges in the USA
	09:35-10:10	Steve Denton (GBR)	《无缝桥设计在欧洲的发展》 European Developments on Integral Bridge Design
	10:10-10:45	陈宝春 CHEN Baochun (CHN)	《中国无伸缩缝桥梁应用与研究进展》 The Application and Researches of Jointless Bridges in China
	10:45-11:00	茶歇 Tea Break	

第一天 上午 Session	11:00-11:35	Christian Cremona (FRA)	《法国应用整体桥的经验与成就》 Integral Bridges: The French Experience.
	2 11:35-12:10	Bruno Briseghella (ITA)	《意大利最长无缝桥——Isoladella Scala 桥的设计施工介绍》 Isoladella Scala: The Longest Jointless Bridge in the World
	12:10-14:00	午餐 Lunch Buffet	
第一天 下午 Session	14:00-14:35	陈 宜 言 CHEN Yiyan (CHN)	《深圳马峦山桥大桥设计与应用》 The Design and Practice of Malanshan Bridge in Shenzhen City
	3 14:35-15:10	Bijan Khaleghi (USA)	《地震区的无缝桥在设计及施工方面的挑战》 The Design and Construction Challenges of Jointless Bridges In Seismic Regions
	15:10-15:45	Bruce Johnson (USA)	《俄勒冈州无缝桥的设计标准及细节设计》 Design Criteria and Detailing for Integral Abutment Bridges in Oregon State
	15:45-16:00	茶歇 Tea Break	
第一天 下午 Session	16:00-16:35	Camillo Nuti (ITA)	《整体式桥台的抗震设计》 Seismic Design of Integral Abutment Bridges
	4 16:35-17:10	赵 秋 红 ZHAO Qihong (CHN)	《无缝斜桥的抗震性能研究》 Seismic Performance on Skew Jointless Bridges
	17:10-17:45	Khaled Sennah (CAN)	《可持续桥梁施工采用的不锈钢》 Stainless Steel for Sustainable Bridge Construction
	17:45-18:20	庄 一 舟 ZHUANG Yizhou (CAN)	《整体式桥台无缝桥阶梯式桩-土相互研究》 The Stepping Pile-soil Interaction on Integral Abutment Jointless Bridges

	18:30	晚餐 Dinner	
2019/07/17 大会第二天 Day two		报告人与演讲题目 Speakers & Topics	
第二天 上午 Session 5	08:30-09:05	李 成 玉 Chad Li (USA)	《无缝桥梁在桥梁快速施工中的应用》 Integral Bridges in Accelerated Bridge Construction
	09:05-09:40	Ian Buckle (USA)	《整体桥台无缝桥的抗震设计》 Seismic Design Issues for Jointless Bridges with Integral Abutments
	09:40-10:15	Habib Tabatabai (USA)	《由混凝土墩台支撑的无缝桥》 Integral Abutment Bridges Supported on Concrete Piles
	10:15-10:30	茶歇 Tea Break	
第二天 上午 Session 6	10:30-11:05	刘 永 健 LIU Yongjian (CHN)	《基于大数据的温度测试与分析》 A Study on Temperature Load in Different Codes and Analysis Based on Big data investigation in China
	11:05-11:40	王 元 峰 WANG Yuanfeng (CHN)	《可持续桥梁的研究》 On Sustainable Bridges
	11:40-12:15	于 天 来 YU Tianlai (CHN)	《寒冷地区无缝桥应用研究》 The Application and Development of Jointless Bridges in Frozen Area (in North China)
	12:15-14:00	午餐 Lunch Buffet	
第二天 下午 Session 7	14:00-14:35	黄 福 云 HUANG Fuyun (CHN)	《带微型桩-土相互作用的延伸桥面板无缝桥抗震性能研究》 Seismic Performance on Extension Deck Jointless Bridges with Micro-pile in Approach

	14:35-15:10	贲庆国 BEN Qingguo (CHN)	《半整体桥的设计与施工特点》 The Design and Construction on Semi-integral Abutment Jointless Bridges
	15:10-15:45	杨永斌 Yeong-Bin Yang (CHN)	《振频扫描车在桥梁健康监测中的应用》 Vehicle Scanning Method for Bridges
	15:45-16:00	茶歇 Tea Break	
第二天 下午 Session 8	16:00-16:35	龙建路桥	《题目待定》
	16:35-17:10	聂玉东 NIE Yudong(CHN)	《高韧、高耐候钢在中-俄黑龙江公路大桥上的应用》 The Application of High-Ductility and Anti-Corrosion Steel in Heilongjiang-Blagoveshchensk Bridge
	17:10-17:45	严爱国 Aiguo Yan (CHN)	《高速铁路长大跨整体式桥梁创新设计与应用》 The Innovative Design and Application of Long-Span Integral High-Speed Railway Bridges
	17:45-18:15	Poster Session (形式待定)	
	18:15-18:30	大会总结及闭幕式 Conclusion & Closing Ceremony	
	19:00	晚餐 Dinner	
2019/07/18	Day	技术参观 Technical Visit	
three			
	8:30	市内地点待定 Location TBD	
		午餐 Lunch	
		大会正式结束 END	