

Preliminary Invitation



# Facing the New Age! How do Structural Engineers tackle the COVID-19 era?

2-3 September 2020

## 1st Online Conference

[iabse.org/online2020](http://iabse.org/online2020)

Organised by

The Chinese Group of IABSE  
The Japanese Group of IABSE  
The Korean Group of IABSE

The COVID-19 pandemic has created unprecedented consequences across the globe and has affected the traditional offline IABSE events planned for year 2020 that aim at exchanging knowledge and advancing the practice of structural engineering worldwide.

To cope with such circumstances, IABSE puts forward the IABSE Online Conference 2020, which is a new IABSE event format. With the unappeared COVID-19 pandemic, IABSE's inaugural Online Conference to be held on September 2-3, 2020 on Zoom, will be themed '**Facing the New Age! - How do structural engineers tackle the COVID-19 era?**', to address the new challenges structural engineers across the globe are confronting in the field of disaster reduction and mitigation, the maintenance and rehabilitation of structures, digital solutions for structural engineering, international cooperation, etc.

With a series of curated topics and content from 20 speakers of diverse background, the IABSE Online Conference 2020 will enable designers, consultants, researchers, students, owners, contractors, authorities and other interested participants alike to gain latest insights in the international bridge and structural engineering community on the virtual platform of Zoom and exchange ideas in four dedicated live Q&A discussion sessions.

### Conference Format

Platform: Zoom  
Presentation: Pre-recorded  
Chairing: Live  
Q&A Discussion: Live  
Language: English  
Discussion: Live

### Recent Structures Display

Recent structures in China, Japan and Korea that have been completed, or are under construction will be displayed/shown during the Lunch Breaks..

### About IABSE

IABSE (International Association for Bridge and Structural Engineering) is one of the most prestigious societies of structural engineering, with a history of over 90 years and members in over 90 countries around the world. IABSE's aim is to promote the advancement of structural engineering practice while taking into consideration technical, economic, environment, aesthetic and social aspects. For more information, please visit [www.iabse.org](http://www.iabse.org) or contact [secretariat@iabse.org](mailto:secretariat@iabse.org)

### Preliminary Programme

2 September (Wednesday)	3 September (Thursday)
Opening Session	Keynote Speaker 3 + Invited Speaker 1 of Topic 3
Keynote Speaker 1 + Invited Speaker 1 of Topic 1	Break
Break	Invited Speakers 2 + 3 + 4 of Topic 3 Live Q&A Discussion
Invited Speakers 2 + 3 + 4 of Topic 1 Live Q&A, Discussion	Lunch Break
Lunch Break	Keynote Speaker 4 + Invited Speaker 1 of Topic 4
Keynote Speaker 2 + Invited Speaker 1 of Topic 2	Break
Break	Invited Speakers 2 + 3 + 4 of Topic 4 Live Q&A, Discussion
Invited Speakers 2 + 3 + 4 of Topic 2 Live Q&A, Discussion	Closing Session



## Conference Topics

1. Recent Extreme Events on Infrastructures
2. AI-based Monitoring and Maintenance of Infrastructures
3. Development of Long-span Cable-supported Bridges
4. Digital Inclusion in Structural Engineering

## Keynotes



**Klaus H. Ostenfeld, Denmark**

*Independent Expert Consultant, Past President COWI A/S,  
Former President of IABSE and Chair of IABSE Foundation*

**Will the COVID-19 Pandemic Change the Way We Think,  
Plan and Work as Civil- and-Structural Engineers?**



**Prof. Koichi Kato, Japan**

*University of Tokyo*

**Construction in the History of Social Change: Learning from  
Epidemic in Late Medieval Europe**



**Dr. Liming Yuan, China**

*Central-South Architectural Design Institute Co., Ltd.*

**Rapid Design and Construction Management of Emergency  
Specialty Field Hospital during the COVID-19 Epidemic**



**Prof. Youngsang Kwon, Korea**

*Seoul National University*

**What Will Happen to Our City After COVID-19?**

## Scientific Committee

Y. Fujino, Honorary Chair, Japan  
S. Nakamura, Co-Chair, Japan  
L. Sun, Co-Chair, China  
A. Boegle, Germany  
E.K. Cho, South Korea  
N. Hussain, Hong Kong  
L. Rus Jenni, Spain  
H.K. Kim, South Korea  
H.M. Koh, South Korea  
A. Lampropoulos, UK  
M.G. Limongelli, Italy  
J.A. Lozano-Galant, Italy  
F. Madrazo Aguirre, UK  
A. Martin, Denmark  
T. Nagayama, Japan  
W. Park, South Korea  
N.P. Hoj, Switzerland  
X. Ruan, China  
T. Takeuchi, Japan  
C. Xiao, China  
G. Xu, China  
T. Yamaguchi, Japan  
H. Yoon, South Korea

## Organising Committee

H. Xiang, Honorary Chair, China  
Y. Ge, Co-Chair, China  
H.M. Koh, Co-Chair, South Korea  
Y. Xia, Secretary, China  
D. Xu, China  
C. Uytiepo, Switzerland  
D. H. Choi, South Korea  
S. Fujikura, Japan  
H. Katsuchi, Japan  
N.K. Hong, South Korea  
J. Turmo, Spain

## Sponsorship Opportunities

The IABSE Online Conference 2020 offers attractive sponsorship packages in the categories Gold, Silver Bronze. Join us as a sponsor and enhance global exposure of your brand, products and services and showcase your projects and innovations. For more information contact: [yxia@tongji.edu.cn](mailto:yxia@tongji.edu.cn), or [niggeler@iabse.org](mailto:niggeler@iabse.org)

## Registration

*IABSE Members (All Types):*  
Free Registration via the IABSE Secretariat

*Non-IABSE Members:*  
Registration Fees of 100 CHF via the IABSE Secretariat

Young Engineers receive one-year online membership.

Registration expected to open  
**23 July 2020.**

## Contact and Enquiries

Please reach out to Dr. Ye Xia at [yxia@tongji.edu.cn](mailto:yxia@tongji.edu.cn) or contact the IABSE Secretariat at [secretariat@iabse.org](mailto:secretariat@iabse.org) for more information and enquiries.