



The 3rd IABSE Young Engineers Colloquium in East Asia, 19-20 January 2024, Seoul, Korea

## Preliminary Invitation and Call for Papers The 3<sup>rd</sup> IABSE Young Engineers Colloquium in East Asia 19 and 20 January 2024, Seoul, Korea

### Objective

The primary objective of this colloquium is to help young structural engineers (under the age of 40) in East Asia make friends, learn from each other and develop their professional career together. It aims to offer a platform to present their researches, projects and innovative design ideas.

### Organized by

Korean Group of IABSE  
Chinese Group of IABSE  
Japanese Group of IABSE  
Hong Kong Group of IABSE

### Hosted by

Korean Group of IABSE  
KIBSE (Korean Institute of Bridger and Structural Engineers)  
ICEE (Institute of Construction and Environmental Engineering) SNU  
FLORA (Floating Infrastructure Research Center) SNU

### Important Dates

Call for Papers opens:	October 23th 2023
Deadline of Application Form Submission:	November 3rd 2023
Deadline of Paper Submission:	December 22nd 2023
Deadline of Registration:	December 22nd 2023
Colloquium:	January 19 and 20 2024

### Venue

#B103, Bldg 39, Seoul National University (SNU)  
1, Gwanak-ro, Gwanak-gu, Seoul, Korea



Seoul National University, Seoul, Korea



Bldg 39, Seoul National University



#B103, Bldg 39



## Organizing Committee

### Chairs:

Prof. Ho-Kyung Kim, Seoul National University, Korea  
Prof. Limin Sun, Tongji University, China  
Prof. Shunichi Nakamura, Tokai University, Japan  
Mr. Naeem Ullah Hussain, Ove Arup & Partners, Hong Kong  
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Prof. Yaojun Ge, Tongji University, China  
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### Secretaries:

Prof. Wonsuk Park, Mokpo National University, Korea.  
Prof. MingMing Song, Tongji University, China  
Prof. Tomonori Nagayama, University of Tokyo, Japan  
*(TBD) Hong Kong Group of IABSE*

### Members:

Prof. Min-Woo Chang, Myongji University, Korea  
Prof. Yunbyeong Chae, Seoul National University, Korea  
Dr. Kyung-Sik Cho, DM Engineering Co., Ltd., Korea  
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Dr. Nam-Hee Kim Hong, Korean Institute of Bridge and Structural Engineers, Korea  
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Prof. Yusuke Kurishi, Kanazawa University, Japan  
Prof. Hiroshi Tamura, Yokohama National University.  
*(TBD) Chinese Group of IABSE*  
*(TBD) Hong Kong Group of IABSE*



### Team Design Competition Committee

Chair:

Dr. Nam-Hee Kim Hong, Korean Institute of Bridge and Structural Engineers, Korea

Members:

Prof. Shuichi Fujikura, Utsunomiya University, Japan

Mr. Chang-Su Kim, DM Engineering Co., Ltd., Korea

Prof. Yusuke Kurihashi, Kanazawa University, Japan

Dr. Jong-Hoon Moon, TEKHAN Co., Ltd., Korea

Prof. Shunichi Nakamura, Tokai University, Japan

Mr. Sang-Hoon Shin, Cable Bridge Co. Ltd., Korea

Mr. Yun-Ki Son, ENVICO Co., Ltd., Korea

Prof. Hyung-Chul Yoon, Chungbuk National University, Korea

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### Technical Session Committee

Chair:

Prof. Chang-Su Shim, Chung-Ang University, Korea

Members:

Prof. Yukari Aoki, Akita University, Japan

Prof. Yunbyeong Chae, Seoul National University, Korea

Prof. Sunjoong Kim, University of Seoul, Korea

Prof. Sunyong Kim, Wonkwang University, Korea

Prof. Young-Joo Lee, Ulsan National Institute of Science and Technology, Korea

Prof. Tomonori Nagayama, University of Tokyo, Japan

Prof. Yeun-Chul Park, Inha University, Korea

Prof. Hyungbo Shim, Incheon University, Korea

Prof. Hiroshi Tamura, Yokohama National University, Japan

*(TBD) Chinese Group of IABSE*

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### Program

#### I. Team Design Competition:

Young engineers will design urban structures in waterfront spaces within the scope given and present their ideas. The design sites and the related information are provided in separate documents. The international experts from the IABSE national groups will evaluate the submitted designs.

#### II. Presentation of research papers or project reports

Young engineers can present research papers on any topic in structural engineering including PhD and MS studies. They can also present construction projects of any kind of structures. The presentation will be made verbally.

#### III. Social Activities

For participants, there will be a campus tour and a colloquium dinner arranged. The campus tour includes Extreme Performance Testing Center (ETPC), SNU Museum of Art and SNU Library



## Schedule (KST)

### January 19th (FRI)

- 8:30 - 9:00 Registration
- 9:00 – 9:15 Opening Ceremony
- 9:15 – 9:45 Keynote Lecture
- 9:45 – 11:30 Design Competition Session-1
- 11:30 – 13:00 Lunch at Bldg 75-1, Cafeteria
- 13:00 – 14:30 Design Competition Session-2
- 14:30 – 17:00 Campus Tour  
Extreme Performance Testing Center, SNU Museum of Art, SNU Library
- 17:30 – 19:00 Colloquium dinner and Design competition awards  
Bldg 38, #B101 (Multi-Purpose Auditorium)

### January 20th (SAT)

- 8:30 - 9:00 Registration
- 9:00 – 10:30 Technical Session-1
- 10:30 – 10:50 Coffee break
- 10:50 – 12:10 Technical Session-2
- 12:10 - 13:10 Lunch at Rak-Gu-Jung(樂口亭), Bldg 39, B1 (Restaurant)
- 13:10 – 14:40 Technical Session-3
- 14:40 – 15:00 Closing ceremony with oral presentation awards



Extreme Performance Testing Center (ETPC), Seoul National University



SNU Museum of Art



SNU Library



### Application for Presentation

Young engineers can present research papers on any topic in structural engineering including PhD and MS studies. They can also present construction projects of any kind of structures. The presentation will be made verbally, and the presentation time will be 7 minutes. Young engineers under about 40 years old can apply for presentations. The presentations are going to be held in English. Please submit the application form by November 3rd 2023 via each national group secretary.

Korean group of IABSE: Prof. Wonsuk Park, Mokpo National Univ., [wonsuk@mokpo.ac.kr](mailto:wonsuk@mokpo.ac.kr)  
Chinese group of IABSE: Prof. MingMing Song, Tongji Univ., [mingmingsong@tongji.edu.cn](mailto:mingmingsong@tongji.edu.cn)  
Japanese group of IABSE: Prof. Tomonori Nagayama, Univ of Tokyo., [nagayama@bridge.t.u-tokyo.ac.jp](mailto:nagayama@bridge.t.u-tokyo.ac.jp)  
*Hong Kong group of IABSE: (TBD):*

### Submission of Papers

Please submit a two-pages paper along with a brief Curriculum Vitae for participating in the oral presentation. The submission deadline is December 22nd 2023. Please forward your submissions to [kibse@kibse.or.kr](mailto:kibse@kibse.or.kr).

### Registration

Young engineers in any country can make presentations and participate in the design competition of footbridges. Not only young engineers but also senior engineers are expected to participate in this colloquium and are welcome for discussions and giving advice to young engineers. Registration fee is 160,000 KRW (About 120 USD). This registration fee includes proceedings, lunch and the colloquium dinner. Please register online (website address tba) before December 22nd 2023.

### Social Activities

A campus tour and a colloquium dinner will be arranged. During the campus tour, participants will visit the Extreme Performance Testing Center (EPTC), SNU Museum of Art, and SNU Library.

### Accommodation

There is an on-campus accommodation option, Hoam Faculty House. If you want to make a reservation at Hoam, you can use the website below separately. Due to the significant demand for on-campus accommodations, it is strongly advisable to make a reservation as soon as possible. Price for a standard room is 121,000KRW, and the price for a deluxe room is 148,000 KRW. The room prices are based on the current rate and may be subject to change in the future. <https://www.hoam.ac.kr/eng/>.

The conference venue, the main campus of Seoul National University can be accessed easily by Subway Line #2 (Green Line, [https://en.wikipedia.org/wiki/Seoul\\_Subway\\_Line\\_2](https://en.wikipedia.org/wiki/Seoul_Subway_Line_2)), so we kindly suggest you try to find and reserve hotels near main subway stations on the line, e.g. Sadang, Gangnam. Based on our survey, the earlier you make a reservation, the better deal you can get from the hotel you prefer. Accommodation information can be downloaded from the online link that will be announced later.

### Contact

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