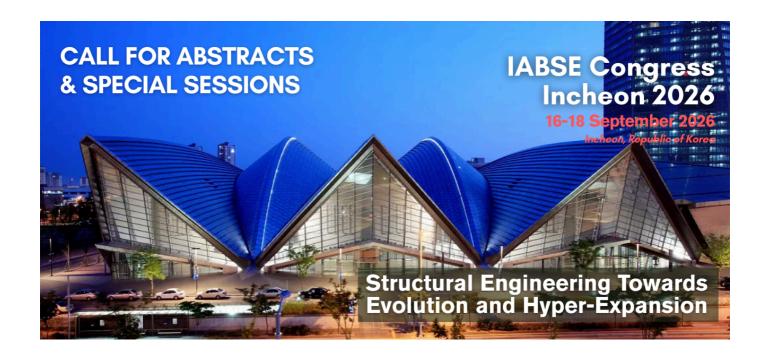


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# Message from the Scientific Committee



Chair of Scientific Committee Wonsuk Park







Vice Chair of Scientific Committee Youngjoo Lee

The main theme of the Congress is 'Structural Engineering Towards Evolution and Hyper-Expansion.' We seek to explore the future of structural engineering in an era of unprecedented transformation.

We are witnessing a world where the built environment is no longer static. Climate change is reshaping our planet, and humanity is expanding beyond the Earth. The way we design and construct our world must evolve. Future habitats will not be fixed — they will be adaptive, self-organizing, and hyper-connected.

The future is not built — it evolves. A paradigm shift is underway: from construction to continuous transformation, from fixed structures to evolving spaces. With AI-powered design, autonomous construction, and intelligent networks, we are entering an era where spaces dynamically respond to their surroundings and seamlessly integrate with both human and non-human systems. Tomorrow's cities, infrastructures, and habitats will transcend traditional boundaries, forming hyper-connected ecosystems driven by continuous evolution.

Instead of living in fixed structures, we will inhabit autonomous, self-adaptive environments — designed by AI, shaped by nature, and evolving in real time. Are we ready for a world that builds itself?

To answer this question, the IABSE Congress Incheon 2026 will bring together leading experts to explore future-ready and transformative structures through the lenses of resilience, sustainability, innovation, and digital technologies.

We look forward to engaging discussions, groundbreaking ideas, and new challenges that will shape the next chapter of structural engineering. Join us in redefining the built environment for generations to come.

### Congress Theme

Structural Engineering Towards Evolution and Hyper-Expansion

### **Sub-Themes**

Expanded habitats and networks

- Disaster-resilient and risk mitigation
- Smart structures, AI and digital transformation
- Sustainability, clean energy and carbon neutrality
- · Structural health monitoring, operation and maintenance
- Innovative structures and construction technologies
- Advanced structural materials
- State-of-the-art design and analysis



Incheon Bridge

### **Objective and Scope**

The goal of this Congress is to attract world-class practitioners and academics for meaningful discussions on the evolution and hyper-expansion of bridge and structural engineering, in relation to advanced and emerging methods of design and analysis.

### **Important Dates**

15 May 2025 Submission of abstract opens
31 July 2025 Special Session proposal deadline
15 September 2025 Abstract submission deadline

15 November 2025 Notification of abstracts acceptance

15 February 2026 Submission of full papers

15 April 2026 Notification of full paper acceptance
30 May 2026 Final Invitation & registration opens
30 June 2026 Early bird registration deadline

14–15 September 2026 IABSE Annual Meetings

16–18 September 2026 IABSE Congress Incheon 2026







Yeongjong Bridge

#### **Event Format**

The Scientific Programme spans three days and comprises Plenary and Parallel Sessions. Invited keynote speakers will deliver presentations during the Plenary Sessions. Accepted papers will be presented in Parallel Sessions, which will also include Special Sessions dedicated to focused topics.

#### Who Should Attend

The Congress is intended for civil and structural engineers, as well as associated professionals, who are interested in the latest developments in the research, design, construction, monitoring, maintenance, and rehabilitation of civil engineering structures. Prospective participants include owners, consultants, designers, operators, researchers, contractors, educators, suppliers, and representatives from governmental agencies with an interest in the Congress themes and topics.

### **Conference Proceedings**

Full papers accepted by the Scientific Committee will be published in the IABSE Congress 2026 Proceedings, which will be made available in electronic format prior to the start of the Congress. Publication of each paper is conditional upon the presenting author's registration for the Congress.

Authors of outstanding papers presented at the congress will be invited to submit an enhanced version of their work for consideration in a dedicated issue of the prestigious Structural Engineering International (SEI) journal.



## **Call for Abstracts**

# **Call for Special Sessions**

Participants wishing to present a paper aligned with the Congress themes and topics are invited to submit an abstract of 200 to 300 words in English, without illustrations. Abstracts must be submitted online via the web-based submission platform <a href="here">here</a>.

Submissions by other means, including hard copy, email, or fax, will not be accepted. Detailed submission instructions and a template are available on the website.

The abstract should clearly summarise the content of the paper and highlight its relevance to the Congress theme.

All abstracts must be received by **15 September 2025**. Authors of accepted papers are expected to attend the Congress and present their work in person.

Special Session organisation is highly encouraged to highlight emerging research themes, novel approaches, or significant technical developments. These sessions provide a focused platform to introduce fresh perspectives or address timely challenges relevant to the congress scope. Both academic and practical contributions are welcome.

Proposals can be submitted via the Google Form available <u>here</u>.





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