

PSSC'19 Tokyo

The 12th Pacific Structural Steel Conference
— Steel Structures with Resilience and Sustainability —

Date : ~~November 16-18, 2019~~ **November 9-11, 2019**

Venue : **Tokyo Institute of Technology, Tokyo, Japan (planned to be held)**

Organized by : Japanese Society of Steel Construction

About PSSC 2019

The Pacific Structural Steel Conference is a major initiative bringing together expertise in structural steel research, education and construction from all around the Pacific Rim and beyond to promote cooperation among the structural steel associations and communication on development in the field of steel structures in Pacific countries. It was originated in 1986 when the New Zealand Heavy Engineering Research Association organized the inaugural conference. Since then the PSSC has been scheduled to be held every three years, the importance of which as a forum for technological discussion and inter-change was especially recognized and nurtured by the booming Asian-Pacific economies. The 2nd PSSC was held in Gold Coast, Australia in 1989; the 3rd one in Tokyo, Japan in 1992; the 4th PSSC in Singapore in 1995 while the next one was held in Korea in 1998. After the conference 2001 in China and 2004 in the USA, the PSSC returned to its land of origin in 2007. The PSSC was held in Beijing in October 2010, in Singapore in 2013, and in Shanghai in 2016. Excitingly, the PSSC will be held in Tokyo in Year 2019 with the administrator of Japanese Society of Steel Construction. We are looking forward to seeing you and sharing ideas with all the friends.

Topics

The conference topics are on (but not limited to):

- Innovative steel & composite structural systems
- Composite materials and elements
- High-rise, long span and spatial structures
- Infrastructures including bridges, towers, marine structures
- Applied and computational mechanics for steel structures
- Design concepts and methods
- Codes, standards and design software
- Welding, fabrication, erection and construction
- Bolted & welded connections and joints
- Experimental methods and instruments
- Fatigue, fracture and structural stability
- Earthquake, wind, fire-proof and corrosion prevention engineering
- Inspection, evaluation and monitoring of steel structure
- High performance steel, stainless steel, and other special materials
- Environmental sustainability of structural steel
- Performance-based design concepts and applications
- Design concepts for robustness, redundancy, and resiliency

Important Dates

- Abstract Submission deadline: January 31, 2019
- Notification of abstract acceptance: March 31, 2019
- Full paper submission: June 30, 2019
- Conference: ~~November 16-17, 2019~~ **November 9-11, 2019**
- Banquet: ~~November 16, 2019~~ **November 9, 2019**
- Technical Tour: ~~November 18, 2019~~ **November 11, 2019**
Construction sites including the Tokyo Olympic facilities

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Yozo Fujino, Yokohama National University

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