

# PSSC'19 Tokyo

## Call for Paper

<https://pssc.conf.it.atlas.jp/login>

The 12th Pacific Structural Steel Conference  
Steel Structures with Resilience and Sustainability  
Organized by Japanese Society of Steel Construction

**Date** November 9-11, 2019

**Venue** Tokyo Institute of Technology, Tokyo, Japan

### 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 interchange 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 deadline: June 30, 2019
- Conference: November 9 - 11, 2019
- Banquet: November 9, 2019
- Technical Tour: November 11, 2019

Visiting sites may include the Tokyo Olympic facilities

### Program

Day 1 / Sat., Nov.9		Day 2 / Sun., Nov. 10		Day 3 / Mon., Nov. 11		
AM	Opening ceremony		Technical sessions		Technical Tour	
	Keynote 1					
	Keynote 2					
	Technical sessions					
PM			Keynote 3			
			Keynote 4			
	Technical sessions		Technical sessions			
	Banquet		Closing ceremony			



## Steering Committee

Chairperson:

Yozo Fujino, Yokohama National University

Members:

Hiroshi Katsuchi, Yokohama National University

Yoshiaki Okui, Saitama University

Toru Takeuchi, Tokyo Institute of Technology

## Organizing Committee

Chairperson:

Toru Takeuchi, Tokyo Institute of Technology

Members:

Fumiaki Endo, Obayashi Corporation

Takanori Ishida, Tokyo Institute of Technology

Hiroshi Kawamura, Mitsubishi Jisho Sekkei Inc.

Shoichi Kishiki, Tokyo Institute of Technology

Yuka Matsumoto, Yokohama National University

Masayoshi Nakai, Takenaka Corporation

Koji Oki, JFE Steel Corporation

Eiichi Sasaki, Tokyo Institute of Technology

Yozo Shinozaki, Taisei Corporation

Kohei Shintani, Nikken Sekkei Ltd

Hitoshi Tajima, Metropolitan Expressway Technology Research Center

Jiro Takagi, Tokyo Metropolitan University

Hatsutarō Tanaka, Shimizu Corporation

Masao Terashima, Nippon Steel & Sumikin Engineering Co., Ltd.

Kei Teshima, Nippon Steel & Sumitomo Metal Corporation

Atsushi Watanabe, Nippon Steel & Sumikin Engineering Co., Ltd.

Satoshi Yamada, Tokyo Institute of Technology

## Scientific Committee

Chairperson:

Yoshiaki Okui, Saitama University

Members:

Kikuo Ikarashi, Tokyo Institute of Technology

Jun Iyama, The University of Tokyo

Ryota Matsui, Hokkaido University

Tomonori Nagayama, The University of Tokyo

## Working Committee

Chairperson:

Hiroshi Katsuchi, Yokohama National University

Members:

Naohiro Haneda, Kajima Corporation

Masahiro Nagata, Japanese Society of Steel Construction

## International Advisory Committee

Devin Huber, American Institute of Steel Construction

Tony Dixon, Australian Steel Institute

Ed Whalen, Canadian Institute of Steel Construction

Qingrui Yue, China Steel Construction Society

Doo byung, Bae, Korean Society of Steel Construction

Chor How Choon, Singapore Structural Steel Society

Members from other organizations are to be announced

## Organizer

Japanese Society of Steel Construction

(URL <http://www.jssc.or.jp/english/index.html>)

## Co-Organizer

American Institute of Steel Construction

Australian Steel Institute

Canadian Institute of Steel Construction

Chilean Steel Institute

China Steel Construction Society

Korean Society of Steel Construction

Malaysian Structural Steel Association

Mexican Institute of Steel Construction

Singapore Structural Steel Society

Steel Construction New Zealand

## Language

English. No simultaneous interpretation will be provided.

## Submission of Abstract

We kindly ask prospective researchers and engineers in the fields of the topics to submit an electronic abstract of 300 words on-line via PSSC2019 website.

(URL <https://pssc.confit.atlas.jp/login>)

You will receive an automatic reply upon the submission.

The abstract should include:

- A tentative paper title
- Author(s) with full name, affiliation, mailing address, e-mail address and telephone numbers.
- Each abstract should clearly state the main issues and conclusions.
- Abstract to be received on-line by January 31, 2019

## Papers/Presentations

The papers should be written and presentation be given at the conference, which should be applications oriented.

No paper will be accepted without a presentation.

The papers should be prepared in hard metric (SI) units.

Material of a purely descriptive nature or containing commercialism should be omitted.

Final manuscripts should contribute to the state-of-the-art technology or present a comprehensive review, be of high technical quality with conclusions supported by technical data.

A presenting author when his/her final manuscript accepted, is asked to make on-line advanced registration via PSSC2019 website linked to the registration system.