

First Announcement & Call for Papers
The 13th Pacific Structural Steel Conference (PSSC'22)

October, 2023
Chengdu, China

Organizer:

China Steel Construction Society

Co-organizers:

American Institute of Steel Construction

Australian Steel Institute

Canadian Institute of Steel Construction

Japanese Society of Steel Construction

Korean Society of Steel Construction

Mexican Institute of Steel Construction

Chilean Steel Institute

Singapore Structural Steel Society

Malaysian Structural Steel Association

Indonesian Society of Steel Construction

Thailand Structural Steel Society

Supporters:

European Convention for Constructional Steelwork

Southern Africa Institute of Steel Construction

China Iron and Steel Association

National Engineering Research Center for Steel Construction

Co-hosting:

Assembled Building Industry Association of Sichuan

About PSSC

The Pacific Structural Steel Conference has been consecutively held for twelve times since it was founded in 1986. The details are as followings.

| Times | Countries | Hosts |
|----------|-------------|--|
| PSSC1986 | New Zealand | New Zealand Heavy Engineering Research Association(HERA) |
| PSSC1989 | Australia | Australian Steel Institute(ASI) |
| PSSC1992 | Japan | Japanese Society of Steel Construction(JSSC) |
| PSSC1995 | Singapore | Singapore Structural Steel Society(SSSS) |
| PSSC1998 | Korea | Korean Society of Steel Construction(KSSC) |
| PSSC2001 | China | China Steel Construction Society(CSCS) |
| PSSC2004 | America | American Institute of Steel Construction(AISC) |
| PSSC2007 | New Zealand | Steel Construction New Zealand(SCNZ) |
| PSSC2010 | China | China Steel Construction Society(CSCS) |
| PSSC2013 | Singapore | Singapore Structural Steel Society(SSSS) |
| PSSC2016 | China | China Steel Construction Society(CSCS) |
| PSSC2019 | Japan | Japanese Society of Steel Construction(JSSC) |

The 13th PSSC was decided to be held in China in 2022 through the 12th meeting of PCSSA (Pacific Council of Structural Steel Association) in Japan in 2019. Due to the COVID-19 pandemic, the conference is postponed to 2023.

The Pacific Structural Steel Conference has become the most influential global event of steel construction industry. It brings together experts from structural steel research, design, education, fabrication/manufacture, construction, as well as equipment and material suppliers from all around the Pacific Rim and beyond to promote cooperation and communication in the field of steel construction among members of PCSSA and other countries in the world.

As an academic and technical communication platform, PSSC has received the affirmation and support from the Asia-Pacific countries and global peers.

In October 2023, Chengdu, China is embracing the grand gathering. According to the requirements of pandemic prevention and control, the Pacific Structural Steel Conference will be held in an appropriate mode. China Steel Construction Society is looking forward to seeing you and sharing benefits with all the participants from all over the world.

PCSSA Steering Committee 2019 – 2023

Chairman: Qingrui Yue, China Steel Construction Society, China
Committee: Devin Huber, American Institute of Steel Construction, USA
Yoza Fujino, Japanese Society of Steel Construction, Japan
Dong Ho Choi, Korean Society of Steel Construction, Korea
Desmond Woon, Malaysian Structural Steel Association, Malaysia

PSSC'22 International Advisory Committee

Chairman: Xuhong Zhou, Chongqing University
Committee: Jerry Hajjar, Northeastern University
Chia-Ming Uang, University of California-San Diego
Hiroshi Katsuji, Yokohama National University
Eun-Soo Choi, Hongik University
Kyungsik Kim, Cheongju University
Ng Yiau Heong, Singapore Structural Steel Society
Desmond Woon, Malaysian Structural Steel Association
Leroy Gardner, Imperial College London

PSSC'22 Local Technical Committee

Chairman: Jianguo Nie
Vice Chairmen: Xigang Zhang, Zongyu Gao, Jiaping Liu, Mingxuan He, Yinquan Yu,
Bin Zeng, Yu Lou, Zhihua Chen
Secretary General: Jiansheng Fan
Vice- Secretary General: Jinzhi Wu, Suwen Chen, Yuhang Wang, Xiaogang Liu
Technical Consultant: Shilin Dong, Shizhao Shen, Kejian Ma, Chunfang Lu,
Changwen Miao, Jian Xu, Luru Chen, Zhiming Li
Members: Bing Cui, Binlei Chen, Jianwei Chen, Ming Chen, Pingzhou Cao,
Xiaoming Chen, Yiyi Chen, Zhenming Chen, Jiemin Ding, Zhong Fan,
Aimin Guo, Fei Han, Jingtao Han, Linhai Han, Qinghua Han, Wenying
Huo, Zhaoxin Hou, Guochang Li, Haiwang Li, Ting Li, Jiepeng Liu,
Xiaoguang Liu, Yaming Li, Yaozhi Luo, Fanchao, Meng, Qingying Ren,
Ganping Shu, Qingxuan Shi, Weinong Shu, Hua Tong, Zhong Tao,

Cuikun Wang, Jingfeng Wang, Lijun Wang, Qun Wei, Xiuli Wang, Yan Wang, Yaohua Wu, Yuyin Wang, Zhan Wang, Congzen Xiao, Gongyi Xu, Shengqiao Xu, Suduo Xue, Zhiwu Yu, Bin Zeng, Guangen Zhou, Guohui Zhong, Jincheng Zhao, Qinghua Zhang, Xuejun Zhou, Yanxia Zhang

PSSC'22 Conference Organizing Committee

| | | |
|-------------------------|----------------|--|
| Chairman: | Yi Liu, | China Steel Construction Society |
| Vice Chairmen: | Changjia Meng, | Assembled Building Industry Association of Sichuan |
| | Guoqiang Li, | Tongji University |
| | Ailin Zhang, | Beijing University of Technology |
| | Yongjiu Shi, | Tsinghua University |
| Secretary General: | Qingwei Li, | China Steel Construction Society |
| Vice Secretary General: | Changhe Dai, | China Steel Construction Society |
| | Dongqiong Lv, | Assembled Building Industry Association of Sichuan |
| | Sumei Zhang, | Harbin Institute of Technology, Shenzhen |
| | Zhongyi Zhu, | Beijing Institute of Architectural Design |
| | Gang Shi, | Tsinghua University |
| | Houxin Wang, | CITIC Metal Co.,Ltd |
| | Yu Li, | China Iron and Steel Association |

PSSC'22 Call for Papers

The conference will officially publish “The Proceeding of 13th Pacific Structural Steel Conference”. You are invited to submit papers and participate this conference.

Topics: Conference papers should address at least one of the following related topics (but not limited to)

Research and Design

- Applied and computational mechanics for steel structures
- Design concepts and methods
- High performance steel, stainless steel and other special materials
- Innovative steel & composite structural systems and elements
- Codes, standards and design software
- Hybrid and composite construction
- High-rise, long-span and spatial structures
- Infrastructures including bridges, towers, marine and other structures
- Steel residential buildings
- Joints and connections
- Seismic, wind and vibration, dynamics design
- Corrosion and fire protection engineering
- Structural stability, fatigue and fracture
- Case studies

Manufacturing and Fabrication

- New manufacturing and fabrication technology
- Corrosion protection materials and systems
- Digital processing in steel manufacturing
- BIM in digitized manufacturing
- Industrial internet and Smart Manufacturing
- Welding and bolting Advances in fabrication and construction
- Inspection, testing, evaluation and monitoring

Erection and Construction

- Constructability
- Innovative construction techniques, including automation and robotics
- Unique projects and erection schemes
- Case studies

Requirements of papers:

You are cordially invited to submit an abstract of 300-400 words in English and fill in the author information form as follows through <http://www.pssc2022.com>

| | |
|-----------------|-----------|
| First Author: | Gender: |
| Job Title: | Position: |
| Organization: | |
| Address: | |
| Country/Region: | City: |
| Zip Code: | E-mail: |
| Tel: | Fax: |

Key Dates:

Final Abstract Submission: 28 February, 2023
Preliminary Paper Acceptance: 31 March, 2023
Final Paper Submission: 31 May, 2023
Final Paper Acceptance 30 June, 2023

* Please submit the abstract and author information form through <http://www.pssc2022.com>

* Editorial committee will send the acceptance notification of the abstract to the author after the review decision, please check the result through the official website.

* Please submit full papers through the official website and refer to the acceptance notification for specific requirements.

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