

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

October, 2022
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

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 successfully held for twelve times since it was founded in 1986. The details are as following.

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.

The Pacific Structural Steel Conference has become the most influential global event of steel construction industry. It brings together experts in structural steel research, design, education, manufacture, construction, equipment and material suppliers from all around the Pacific Rim and beyond to promote cooperation and communication the technical information in the field of steel construction between member countries 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 2022, Chengdu, China is embracing the grand gathering. According to the requirements of pandemic prevention and control, the event will be held through the ways of both online and offline. China Steel Construction Society is looking forward to seeing you and sharing benefits with all the participants from all over the world.

Welcome to Chengdu!

Chengdu, also known as “Rongcheng” and “Jincheng”, is the provincial capital of Sichuan and one of the sub-provincial cities in China. Located in the Chengdu-Chongqing economic circle, the megacity is designated by the State Council as an important central city in West China. With the total area of 14,335 sq km, Chengdu currently houses 16.581 million permanent residents. Chengdu is one of the national historical and cultural cities of China. It is the birthplace of the ancient Shu civilization, and home to the significant archeological discovery. Former regimes used to establish their capitals there such as Shu-Han, Cheng-Han, Former Shu, and Later Shu.

Tourist Attractions in Chengdu:

Dujiangyan Irrigation System

Located on the northwest edge of Chengdu Plain, Dujiangyan Irrigation System is declared a State Priority Protected Site, National Scenic Areas and National 5-A Tourist Attraction of China. It is a global hydraulic engineering heritage and was listed as a World Heritage site by UNESCO in 2000.



Jinsha Site Museum

Jinsha Site was once the capital of ancient Shu kingdom from 12th century BC to 7th century BC (about 3200 to 2900 years ago). Jinsha Site Museum is built on the original location of Jinsha Site Ruins to protect, study and display Jinsha culture and the ancient Shu civilization.



Chengdu Panda Base

Chengdu Panda Base is a National 4-A Tourist Attraction of China and world-famous research base of giant panda breeding and other endangered wild animals. It also serves as a research and practice education base for primary and secondary school

students nationwide.



Du Fu Thatched Cottage

Du Fu Thatched Cottage is the former residence of the great Chinese poet, Du Fu. In AD 759 of Tang Dynasty, Du Fu took refuge with his family in Chengdu from An-Shi Rebellion and built a thatched cottage. He has lived there for 4 years and composed more than 240 poems in his cottage.



Wuhou Temple

Wuhou Temple, or Wuhou Shrine, is located in Wuhou Temple Street. It is the only ancestral shrine dedicated to the memory of both the Emperor Liu Bei and his civil official Zhuge Liang. The site consists of Wuhou Temple, Han Zhao Lie Temple and Hui Lin, which are jointly called “Wuhou Temple”.



Weather

The average temperature of October in Chengdu is 20°C.

Currency

Chinese currency is called Renminbi, often abbreviated as RMB. Issued by the People's Bank of China, it is the sole legal tender for both the Chinese nationals and foreign tourists. The unit for Renminbi is Yuan, Jiao and fen. The conversion among the three is: 1 Yuan = 10 Jiao =100 Fen.

Credit cards can be accepted at most hotels, tourist shops and some department stores. Most hotels offer foreign exchange services and exchange cash and travelers cheques. The Bank of China exchanges money and travelers' cheques. In China, wherever you exchange money the same day, the exchange rate is the same. Banking Hours are 9am to 5pm, Mondays to Fridays.

We wish you a rewarding and enjoyable stay at PSSC'22!

PCSSA Steering Committee 2019 - 2022

Chairman: Qingrui Yue, CSCS, China
Committee: Devin Huber, AISC, USA
Yozo Fujino, JSSC, Japan
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Wang Lijun, Chen Xiaoming, Liu Xiaoguang, Han Jingtao, Han Linhai, Li
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Wu Yaohua,
Secretary General: Wu Yaohua
Vice- Secretary General: Zhao Pengfei, Chen Suwen, Di Jin
Technical Consultant: Dong Shilin, Shen Shizhao, Ma Kejian, Chen Luru, Li Zhiming

PSSC'22 Call for Papers

The conference will officially publish “the proceeding of 13th Pacific Structural Steel Conference” Papers in English (domestic authors please also submit the Chinese version in addition to the English papers).

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 paper:

The paper abstract shall not be less than 300 words (written in Chinese and English), please also fill in the author information form (as follows)

Paper Title: (Chinese) _____

(English) _____

First Author: _____ Gender: _____

Job Title: _____ Position: _____

Organization: _____

Address: _____

Zip Code: _____ Mobile: _____

Tel: _____ Fax: _____

Contact: _____ Tel: _____

E-mail: _____ Mobile: _____

Abstract (about 300 words): Chinese:

Chinese _____

English _____

Please submit the abstract and the author information in accordance with the above format which can be downloaded from the official website of the 13th Pacific Structural Steel Conference (www.pssc2022.com) which will be released by the end of December, 2021 and then send the both to the designated e-mail of organizing committee.

Key Dates:

Final Abstract Submission:	28 February 2022
Preliminary Paper Acceptance:	31 March 2022
Final Paper Submission:	31 May 2022
Final Paper Acceptance	30 June 2022

- * Please submit the abstract and author information form by the electronic version.
- * Editorial committee will send the acceptance notification of the abstract to the author according to contact information after the review decision. The author should submit the full paper in accordance with the notification requirements.
- * Submission of full papers: please submit in electronic form and refer to the acceptance notification for specific requirements.

You are cordially invited to submit an abstract of about 300 words in one A-4 page to article@pssc2022.com

Preliminary Registration Form

- I would like to receive further information
- I plan to attend the conference
- I intended to submit the paper entitled:

-
- An abstract is attached
 - An abstract will be submitted on time
 - I need more information on sponsorship

Name:

Title:

Organization (company):

Position:

Address:

Country:

Post Code:

Tel:

Mob:

Fax:

Email:

You can download this form from the conference website: www.pssc2022.com (released by the end of December, 2021), which could be sent to the Secretariat PSSC'22 via email secretariat@pssc2022.com.

Correspondence:

Secretariat, PSSC'22
China Steel Construction Society
No.33 Xitucheng Road, Beijing 100088, China

Tel: +86 10 82227103/82227109

Fax: +86 10 82227105

E-mail: secretariat@pssc2022.com

Website: www.pssc2022.com (released by the end of December, 2021)