

The Tenth International Conference on Advances in Steel Structures (ICASS'2020)

2nd Announcement



Conference Dates:

12-14 May, 2022

Initiator:

The Hong Kong Polytechnic University

Organizers:

Southwest Jiaotong University
Southwest Jiaotong University Chengdu Design Institute Co., Ltd.

Co-organizers :

Shenyang Jianzhu University
School of Civil Engineering, Southeast University
Shantou University
Industrial Construction Magazine Agency Co., Ltd
Journal of Progress in Steel Building Structures, Tongji University
Hong Kong Institute of Steel Construction
National Engineering Research Center for Steel Construction
Sichuan Provincial Architectural Design and Research Institute Co., Ltd
China Construction Eighth Engineering Division Co., Ltd Southwest
Sichuan Yiyu Steel Structure Engineering Co., Ltd
Sichuan Ost Slope Protection Engineering Co., Ltd
Nida Technology Co., Ltd
China MCC5 Group Co., Ltd
Guangzhou Jointas Chemical Co., Ltd.

Venue:

Crowne Plaza Chengdu West (No. 1, Xixin Avenue, High-Technology West Zone, Chengdu, China)

Introduction:

Following the success of previous conferences in the ICASS series in Hong Kong, China (1996,1999, 2002, 2009, 2018), Shanghai (2005), Singapore (2007), Nanjing (2012), Lisbon (2015), the Tenth International Conference on Advances in Steel Structures is to be held in Chengdu, China, on 12 to 14 May 2022. This conference is intended to provide a forum for researchers and professionals to discuss and disseminate recent advances in analysis, behaviour, design and construction of steel, aluminium, composite steel-concrete and flexible barrier structures and other structures with steel elements.

Due to the impact of COVID-19, the conference will be postponed until 12-14 May, 2022 and the organizing committee cannot help stipulating that participants from outside the Chinese mainland should attend the conference online.

Scientific Committee

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T.T. Soong (USA)	R.D. Ziemian (USA)

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X.Z. Zhao	S.X. Zhao	Y. Zhao	L. Zhao	X.D. Zhi	X.H. Zhou
D. Zhou	J.T. Zhou	Z.Y. Zhu	Z.W. Zhu		

Keynote Speakers



Leroy Gardner

Professor

Department of Civil and Environmental Engineering
Imperial College London
United Kingdom



Qing-rui Yue

Professor

School of Civil and Resource Engineering
University of Science and Technology Beijing
China



Dennis Lam

Professor

Department of Civil and Structural Engineering
University of Bradford
United Kingdom



Guo-qiang Li

Professor

College of Civil Engineering
Tongji University
China



J.Y. Richard Liew

Professor

Department of Civil and Environmental Engineering
National University of Singapore
Singapore



Keh-Chyuan Tsai

Professor

Department of Civil Engineering
National Taiwan University
Taiwan, China



Brian Uy

Professor

School of Civil Engineering
The University of Sydney
Australia



Ronald D. Ziemian

Professor

College of Engineering
Bucknell University
United States



Kim J.R. Rasmussen

Professor

School of Civil Engineering
The University of Sydney
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Lin-hai Han

Professor

School of Civil Engineering
Tsinghua University
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Todd A. Helwig

Professor

School of Civil, Architectural and Environmental
Engineering
University of Texas at Austin
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Luís Simões da Silva

Professor

Faculty of Sciences and Technology
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Seung-Eock Kim

Professor

Department of Civil and Environmental Engineering
Sejong University
South Korea



Shi-chun Zhao

Professor

School of Civil Engineering
Southwest Jiaotong University
China

Call for papers

Papers related to all aspects of analysis, behaviour, design, fabrication and construction of steel and composite steel-concrete and flexible barrier structures are invited. Papers that fall within the general theme of the conference will be considered for presentations and for publications in the conference proceedings and uploaded to web <http://icass2020.com/>. Selected papers will also be published in SCI journals *International Journal of Advances in Steel Construction* and *International Journal of Structural Stability and Dynamics*, which carry a mission of technology transfer and is widely circulated among the engineering and building professionals. The official language is English.

The participants can submit either FULL PAPER or ABSTRACT ONLY. Both of the cases are welcomed and the participants should deliver a presentation online :

* Case 1: Full Paper

Please send the abstract (200-400 words) to the Official E-mail before 31 October, 2021.

Please send the full paper (within 12 pages) to the Official E-mail before 31 January, 2022.

* Case 2: Abstract Only

If oral presentation or poster presentation is requested without full paper publication, please submit your abstract to us via the Official E-mail before 31 October, 2021. The abstract should be 200-400 words.

The templates of abstract and full paper can be downloaded from <http://icass2020.com/>.

Topics

Topics include but not limited to:

- **Structural systems:** space structures, fabricated structures, cable membrane structures, deployable structures, frame structures, high-rise buildings, bridges, composite structures, landslides flexible barriers, MiC, imperfect structures, etc.
- **Members:** columns, beams, cables, components connections, etc.
- **Materials:** cold-formed steel, low yielding point steel, stainless steel, high-performance steel, new metallic materials, etc.
- **Analysis:** computational theories, non-linear analysis, stability, second-order elastic and plastic analysis, time-history analysis, form finding, dynamics analysis, structural fatigue, fire and corrosion prevention, earthquake engineering, progressive collapse, etc.
- **Structural design:** conceptual design and methodology, codes and standards, performance-based structural design, etc.
- **Others:** curtain wall, silos, pipelines, offshore platforms, tower structures, reinforcement and transformation of steel structures, etc.

Important Dates

Abstracts Submission Deadline: 31 October, 2021
Full Papers Submission Deadline: 31 January, 2022
Early Bird Registration Deadline: 31 January, 2022

Registration

Due to the impact of COVID-19, the organizing committee cannot help stipulating that the participants from outside the Chinese mainland should attend the conference online.

We look forward to your participation and thanks for your support. The following table details the registration fees for the participants outside the Chinese mainland :

Category	Early bird until 31 Jan, 2022	Standard after 31 Jan, 2022
Registration fee	USD \$80	USD \$100

Notes:

- Registration fee is non-refundable.
- Only the accepted paper can be presented at ICASS'2020 and included in its proceedings if at least one of the authors register and attend the conference.
- Conference Registration Address: <http://icass2020.com/>

Organizing Committee

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