



## Final Call for Abstracts

### 1<sup>st</sup> International Conference on Engineering Structures (ICES2024)

[www.ices2024.cn](http://www.ices2024.cn)

8 – 11 November 2024, Guangzhou, China

ICES2024 is the first in a series of conferences initiated under the auspices of Engineering Structures. The conference will be held on 8 – 11 November 2024 in Guangzhou, China. The conference will be hosted by Guangzhou University. ICES2024 is an international multi-disciplinary forum for scientists and engineers to disseminate the latest innovations and achievements, discuss current trends and emerging issues in structural engineering and structural mechanics communities, and promote information exchange and cross-fertilisation within this multidisciplinary field.

#### Topics

ICES2024 covers the following key topics (but not limited to):

Additive Manufacturing & Application	Metamaterials and Origami Structures
Application of Artificial Intelligence	Multiscale Analysis
Big Data Analytics in Infrastructures	Multi-hazard Engineering
Bridge Engineering	Multifunctional Materials & Structures
Carbon-neutral Materials	Nanoscale Mechanics
Circular and Sustainable Structures/ Buildings	Nonlinear Structures
Coastal & Offshore Structures	Non-destructive Testing
Composite Materials & Structures	Performance-based Design
Computational Mechanics	Plates & Shell Structures
Concrete & Masonry Structures	Progressive Collapse
Construction Techniques	Prefabrication & Modular Construction of Engineering Structures
Data-driven Analysis Methods	Resilient Structures
Deployable & Inflatable Structures	Smart Structures & Control
Digital Twin and Building Information Modelling (BIM)	Soil-structure Interaction
Disaster Prevention	Standards & Code of Practice
Digital Design Methods	Structural Stability
Earthquake Engineering	Structural Dynamics
Environmentally Responsive Structures	Structure-fluid-soil Interaction
Experimental Methods	Structural Health Monitoring
Fire Engineering	Structural & Solid Mechanics
Floating Structures	Structural Reliability/Safety
Fatigue & Fracture	Structural Optimization
Innovative Structures	Steel Structures
Impact & Blast Engineering	Tall Buildings
Infrastructure Engineering	Timber Engineering
Life Circle Assessment/Integrity	Underground Structures
Vibration Testing of Structures	Value Engineering
Maintenance, Repairs & Strengthening of Structures	Wind Engineering
Modelling & Simulation	

#### Key Dates

- |  |                      |
|--|----------------------|
| ● Mini-Symposia/Special Sessions proposal deadline   | 30 April 2024        |
| ● Abstract submission deadline                       | <b>1 July 2024</b>   |
| ● Abstract acceptance notification deadline          | 1 August 2024        |
| ● Extended abstract / Full paper submission deadline | 1 September 2024     |
| ● Early-bird registration deadline                   | 30 September 2024    |
| ● Conference dates                                   | 8 – 11 November 2024 |



### Mini-Symposia (MS) / Special Sessions (SS)

MS/SS at the ICES2024 is devoted to a particular topic of current interest in Engineering Structures. The submission of MS/SS proposal is closed with 48 MS and 17 SS approved whose details can be found from [www.ices2024.cn](http://www.ices2024.cn).

### High-quality Presentation(s)/Paper(s) and the Best Paper Awards

#### **High-quality Presentation(s)/Paper(s):**

The authors of selected high-quality presentation(s)/paper(s) whose contents are original and have not been submitted or published elsewhere will be invited to submit the full version papers to Engineering Structures (Conference Recommended articles). These submissions will undergo standard full peer review process and be directly fast-tracked by Co-Editor-in-Chief.

#### **The Best Paper Awards:**

ICES2024 conference will establish an Award Selection Committee comprising Editorial Board Members of Engineering Structures and conference organising committee members to assess the quality of full papers submitted to the conference. To be eligible for the Best Paper Awards and Best Student Paper Awards, the full paper submitted to ICES2024 must be registered for the best paper award competition and presented at the conference by the authors.

One Best Paper Award and one Best Student Paper Award will be selected for each of the following themes:

- Artificial Intelligence in Structural Engineering
- Bridge Engineering/Wind Engineering
- Composite Structures and Additively Manufactured Structures
- Computational Mechanics and Structural Optimisation
- Concrete and Masonry Structures
- Earthquake Engineering/Structure Resilience
- Marine and Offshore Structures
- Novel Structures and Metamaterials
- Structural Control and Health Monitoring
- Steel and Space Structures
- Structures Under Extreme Loading (Impact, Blast, Fire, etc)
- Structural Analysis and Design
- Structural Reliability and Life Circle Assessment
- Sustainable and Green Structures (Timber, Bamboo, etc)

To be eligible for the Best Student Paper Award, the student should be not only the first or corresponding author but also the presenter of the full paper at the conference.

### Confirmed Plenary and Keynote Speakers (in alphabetical order)

#### **Confirmed Plenary and Keynote Speakers (in alphabetical order)**

##### **Plenary Speakers:**

1. Prof Jose Torero Cullen, University of College London
2. Prof Leroy Gardner, Imperial College London
3. Prof Hong Hao, Guangzhou University / Curtin University
4. Prof Ashan Kareem, University of Notre Dame
5. Prof Jianguo Nie, Tsinghua University
6. Prof Billie F Spencer, University of Illinois Urbana-Champaign
7. Prof Yi Min 'Mike' Xie, RMIT University
8. Prof Yongbin Yang, Chongqing University
9. Prof Fulin Zhou, Guangzhou University
10. Prof Xuhong Zhou, Chongqing University

##### **Keynote Speakers:**

1. Prof Jose M. Adam, Universitat Politècnica de València
2. Prof Michael Beer, Leibniz Universität Hannover
3. Prof Xianglin Gu, Tongji University
4. Prof Lin Hai Han, Guangxi University
5. Prof Heng Hu, Nigxia University / Wuhan University
6. Prof Hongnan Li, Dalian University of Technology
7. Prof Zhong-Xian Li, Tianjin University



8. Prof Guoxing Lu, Swinburne University of Technology
9. Prof Fabio Matta, University of South Carolina
10. Prof Satish Nagarajaiah, Rice University
11. Prof Yu-Chen Ou, National Taiwan University
12. Prof Jay Sanjayan, Swinburne University of Technology
13. Prof Nuno Silvestre, University of Liston
14. Prof Chien Ming Wang, The University of Queensland
15. Prof Bo Wu, South China University of Technology
16. Prof Zhishen Wu, Southeast University
17. Prof Qingshan Yang, Chongqing University
18. Prof Jianting Zhou, Chongqing Jiaotong University

### Registration Fee

Registration Type	Early Bird Registration (up to 30 Sep 2024)	Regular Registration (after 30 Sep 2024)
Full Registration	500USD / 3,600CNY	600USD / 4,300CNY
Student Registration	300USD / 2,220CNY	360USD / 2,600CNY
Additional Page	45USD / 300CNY	45USD / 300CNY

Notes:

1. A single registration for a participant only permits one academic presentation during the conference.
2. If the full paper exceeds 10 pages, there will be an additional \$45 registration fee per page.

### Conference Organisers, Co-Chairs and Committees

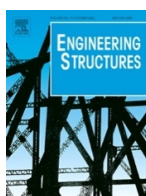
#### **Conference Co-Chairs:**

Distinguished Professor Jie Yang, RMIT University (Lead Editor-in-Chief, Engineering Structures)  
Professor Jiyang Fu, Vice President, Guangzhou University

#### **Conference Committees:**

Lists of International Steering Committee, Advisory Committee, Local Organizing Committee, International Organizing Committee and International Scientific Committee can be found on the conference website at [www.ices2024.cn](http://www.ices2024.cn). The lists are constantly updated.

#### **Conference Organisers:**



Engineering Structures



Guangzhou University

supported by:



Research Center for Wind Engineering and Engineering Vibration, Guangzhou University



School of Civil Engineering, Guangzhou University



Earthquake Engineering Research & Test Center, Guangzhou University

### Contact Information

ICES 2024 Secretariat  
Research Center for Wind Engineering and Engineering Vibration  
Guangzhou University  
Guangzhou 51006, China

Email: [ices2024@gzhu.edu.cn](mailto:ices2024@gzhu.edu.cn)

Tel: +86-20-39366432