

4th Symposium Announcement

IASS/APCS 2022

Innovation, Sustainability and Legacy

19 - 22 September 2022, Beijing, China

The annual symposium of the International Association for Shell and Spatial Structures (IASS 2022) will be affiliated with 13th Asian-Pacific Conference on Shell and Spatial Structures (APCS 2022). You can get more information from the website: <http://www.iass2022.org.cn/>.

DATES AND FORMAT

The symposium will be held on 19 - 22 September 2022 in hybrid online and in-person format. The venue in-person format is at Beijing Friendship Hotel, Beijing, China.

PRELIMINARY SCHEDULE (Beijing Time)

Sep. 19	14:30~18:30	Open ceremony and plenary session 1
	19:30~21:00	Welcome reception
Sep. 20	8:30~12:00	APCS session 1
	14:30~18:30	Plenary session 2
	20:00~23:00	Parallel sessions 1
Sep. 21	8:30~12:00	APCS session 2
	14:30~18:30	Plenary session 3
	20:00~23:00	Parallel sessions 2
Sep. 22	8:30~12:00	Technical tour
	14:30~18:30	Closing ceremony and plenary session 4
	19:30~21:00	Farewell dinner

REGISTRATION FEES

Delegate category	In-person delegates	On-line delegates
	Before/After 30 June,2022	Before/After 30 June,2022
IASS members	800/900 USD	400/500 USD
Delegates	950/1050 USD	500/600 USD
Students (IASS members)	400/500 USD	200/250 USD
Students (Delegates)	450/550 USD	250/300 USD

Note:

- 1.All delegates outside China should pay the registration fee as an on-line delegate first, and then pay the remaining fee when they have met the requirements and can enter in accordance with China's epidemic prevention regulations.
- 2.As a member of IASS, the registration fee is much less than that of no-members, especially for students. You are welcome to join the IASS.

(<https://iass-structure.org/Join-Us>)

THEME AND TOPICS

The theme of the symposium is: **Innovation, Sustainability and Legacy.**

The theme of the symposium covers all aspects of shell and spatial structures and will include but not limited to the following topics:

- Cooling and Solar Updraft Towers(WG 3)
- Masts and Towers(WG 4)
- Concrete Shell Roofs/ Future Challenges in the Design and Construction of Shell Structures for Low or Zero Carbon(WG 5)
- Retractable Tension and Membrane Structures/ Tension Structures and Sustainable Society (WG 6)
- Metal Gridshell Structures, Connections, and Stability/ Dynamic Response of Metal Spatial Structures(WG 8)
- Timber and Bio-based Concepts for Sustainable Innovation in Construction(WG 12)
- Computational Methods/ Next Generation Parametric Design(WG 13)
- Structural Morphology(WG 15)
- Historical Spatial Structures/ Sustainable Heritage: Challenges and Strategies in the Preservation and Conservation of 20th Century Historic Concrete Shells(WG 17)
- Life-Cycle Design and Assessment of Shell and Spatial Structures(WG 18)
- Teaching of Shell and Spatial Structures Facilitating Innovation, Sustainability and Legacy(WG 20)
- Advanced Manufacturing and Materials/ 3D-Printing and Molding(WG 21)
- Innovation in New Concepts and Projects
- Sustainability in Refurbished Facilities
- Legacy of Antiquity Structures and Modern Exploitation
- Disaster Mitigation, Wind and Earthquake Effects

CALL FOR PAPERS

Engineers, architects, researchers and anyone interested in shell and spatial structures are invited to submit abstracts of 300-400 words in English and participate this Symposium. Please log in the symposium website to download the abstracts template.

(<http://www.iass2022.org.cn/callforpaper.html>)

KEY DATES

Submission of abstracts:	Jan. 31, 2022	Feb.28,2022
Notification of preliminary acceptance:	Feb. 28, 2022	Mar.31,2022
Submission of final papers:	Apr. 30, 2022	May.31,2022
Notification of final acceptance:	May 31, 2022	June.30,2022

HANGAI PRIZE

Hangai Prizes annually recognize talented young researchers, designers, and engineers under the age of thirty who working in the field of shell and spatial structures. This recognition is achieved by selecting outstanding submissions to the Annual IASS Symposium in the form of research papers, resumes of design projects, or presentations of innovative ideas. For more information, please check the Hangai Prize website (<https://iass-structures.org/Hangai-Prize>).

