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 - 7.4 IASS Technical Expert Group on Masts and Towers – 2024 Meeting: 8-12 September

1. The latest issue of the *Journal of the IASS*, Vol 64 (2023) No. 2, June n. 216 is available

For IASS Members the access to a PDF of the full issue is through the [Publications Gateway](#). You can see the content by clicking [here](#). The issue will be also available on the Ingenta website in the usual form.

This is a special issue prepared by IASS Working Group 8: Metal Spatial Structures with guest editors **Toru Takeuchi**, **Su-Duo Xue** and **Shiro Kato** and consisting of a preface and 12 technical papers.

Also included is a memorial statement for **Horst Berger** (1928-2019), a pioneering designer of fabric tension structures and an IASS Torroja Medalist.

2. Executive Council elections 2023

At its meeting held on July 9 in Melbourne, the Executive Council accepted the results of the annual election by the membership for renewal of one third of the IASS Executive Council and seated the following for 3-year terms: **Sigrid Adriaenssens**, **Kai-Uwe Bletzinger**, **Tomohiro Tachi**, **Toru Takeuchi**, **Yi Min “Mike” Xie** and **Jinzhi Wu**. In addition, the EC co-opted the following to 3-year terms: **Emily Baker** and **William F. Baker**. And the following former EC members were elected to the Advisory Board: **Niels De Temmerman** and **Juan Gerardo Oliva Salinas**.

3. Honors conferred and announced at the 2023 IASS Annual Symposium

At IASS 2023 in Melbourne, Australia the following distinguished honors were formally conferred:

- Eduardo Torroja Medal for **Matsuro SASAKI** (Japan)
- IASS Honorary Membership for **Michael Valentin BALZ** (Germany)
- IASS Isler Prize for **Janet ECHELMAN** (USA)

The last is the first award of the recently established IASS Isler Prize, described at <https://iass-structures.org/Isler-Prize/>.

At the annual EC meeting, the following honor was approved and announced for conferral at the 2024 Annual Symposium in Zurich, Switzerland: IASS Honorary Membership for **David M. CAMPBELL** (USA).

4. Tsuboi Awards Conferred in 2023

At the Awards Conferral Ceremony of the 2023 Annual Symposium, the 2022 Tsuboi Awards were conferred to the following winners:

For the best Journal paper of 2022, **Gabriele MIRRA**, **Alberto PUGNALE**, “Exploring a Design Space of Shell and Tensile Structures Generated by AI from Historical Precedents,” *Journal of the IASS*, Vol. 63 (2022) No. 3 September n. 213, pp. 172-188.

For the best Proceedings paper for 2022: **Lasse W. RAHBK, Carsten R. TERP, Umberto ALIBRANDI, Poul H. KIRKEGAARD**, "Stock optimization of naturally curved wood logs on freeform truss structures," Proceedings of the 2022 IASS Symposium, Beijing, China, Paper 143, Session S03.

The best Proceedings paper will be published in the December 2023 issue of the *Journal of the IASS*.

5. Hangai Prize Papers for 2023

At the Awards Conferral Ceremony of the 2023 Annual Symposium, the 21st Hangai Prizes were conferred to the following winners, who all later presented their papers at the symposium:

- **Zoe COOPERBAND (USA):** "Towards Homological Methods in Graphic Statics"
- **Kentaro HAYAKAWA (Japan):** "Panel-pin Model for Kinematic and Equilibrium Analysis of Rigid Origami"
- **Jonas WARMUTH (Switzerland):** "Computational Conceptual Design –Typological Exploration of Spatial Truss Systems through Optimization"
- **Yiwei ZHANG (Japan):** "Modular Design of Multistable Pneumatic Structures from a Flat Pattern of Air Pouches"

Their papers will not only appear in the Proceedings of the 2023 Symposium but will also be published in the December 2023 issue of the *Journal of the IASS*. In addition to their medals and other benefits, each of the winners will receive one dues-free year of IASS membership. (This award of one-year dues-free membership accrues also to each of the non-winning entrants into the Hangai Prize competition who presented their papers at the 2023 Annual Symposium.)

6. Upcoming IASS Symposia

6.1. IASS Symposium 2024: Redefining the Art of Structural Design

26 – 30 August 2024, Zurich, Switzerland

<https://www.iass2024.org/>

6.2. IASS Symposium 2025 – Mexico City

27 – 31 October 2025, Palacio de Minería, Mexico City

7. Other upcoming IASS-endorsed events

7.1. 11th International Conference on Textile Composites and Inflatable Structures (Structural Membranes 2023)

2 - 4 October 2023, Valencia, Spain

<https://structuralmembranes2023.cimne.com/>

7.2. Structural Engineers World Congress (SEWC 2023): 8th International Congress on Crossover between Structure & Design

18 - 20 October 2023, Seoul, Korea

www.sewc2023.or.kr

7.3. XXIX Conference on Lightweight Structures in Civil Engineering (LSCE 2023)

30 November - 1 December 2023, Gdansk, Poland

<https://www.lsce.pl>

7.4. IASS Technical Expert Group for Masts and Towers – Meeting 2024

8 - 12 September 2024, Porto, Portugal