

Call for Abstracts – ICW 2026

2nd International Conference of Weighing (ICW 2026)

Dates: June 8–10, 2026

Venue: Kitakyushu International Conference Center, Japan

Theme: *Innovative Weighing Solutions for a Sustainable World*

ICW is a three-day conference organised by a partnership of weighing industry associations from all over the world and international organisations OIML and BIPM. It is a key event for everyone involved in measurement, bringing together researchers, industry, and authorities worldwide. The 1st ICW in 2023 was successfully held in Germany with 230 participants from 25 countries.

International Conference of Weighing consists of plenary sessions and several parallel sessions where key experts will give presentations on recent developments related to weighing. These parallel sessions include a track dedicated to scientific metrology. It will be an excellent opportunity to present and discuss your ideas with a global audience of experts from various backgrounds in the weighing sector.

Why Present?

ICW 2026 offers a unique platform to share your research, exchange ideas, and connect with global experts shaping the future of weighing and metrology.

Topics of Interest

We welcome abstracts on a wide range of subjects, including but not limited to:

Dissemination of the Redefined Mass Unit

How the kilogram, now defined by the Planck constant, is realized and disseminated worldwide. Share advancements in traceability chains, calibration strategies, and their impact on industry and science.

Next-Generation Balances

From Kibble balances enabling quantum-based mass realization to electrostatic balances for ultra-small masses—present breakthroughs in design, precision, and automation.

Digital Transformation in Metrology

The role of Digital Twins for predictive maintenance and simulation, and Digital Calibration Certificates (DCC) for secure, interoperable, and automated calibration processes.

Mass and Density Metrology

Innovations in accurate determination of mass and density, including buoyancy corrections, material characterization, and environmental influences. Applications span pharmaceuticals, aerospace, and advanced manufacturing.

Weighing Instruments and Load Cells

Developments in weighing systems, sensor technologies, and load cells for industrial and laboratory applications. Share insights on performance optimization and integration with smart systems.

Emerging Topics

Automation, IoT integration, uncertainty analysis, sustainability, and energy efficiency in weighing technology—bring your ideas that push the boundaries of metrology.

Submission Guidelines

Abstracts must be written in English and should not exceed two pages. Please submit in MS Word format (.docx or .doc).

Use the following layout:

- **Title:** Centered, all caps, Calibri 14 pt

- **Authors and affiliations:** Below title, Calibri 11 pt
- **Text:** Calibri 11 pt, single-spaced
- **Headings:** Headline 1 bold on a separate line; Headline 2 bold and underlined on the same line
- Margins: Standard
- SI units must be used correctly (refer to BIPM SI Guide). Use a dot (.) as decimal separator.

References should follow this format:

1. A. B. Author, *Title of Book*. IEEE Press, Ch. 6, pp. 23–25, 2022.
2. J. Q. Author, X. Y. Author, "Title of Paper", *Journal of Metrology*, vol. 10, no. 8, pp. 1–20, June 2022.

Important Dates

- Abstract submission deadline: **Friday, 27 February 2026**
- Evaluation completed by: **Tuesday, 31 March 2026**
- Notification to authors: Shortly after evaluation

Application Procedure

Interested presenters are requested to submit their abstract through an online system by Friday 27th February 2026

1. Sign up as ConfAid user.
The ConfAid will automatically send an e-mail for confirmation after you have created a user account. If you can not find the confirmation e-mail, it may have been sent to your spam box.
2. Log into ConfAid to proceed with your submission.
Submitted abstracts will be reviewed by the ICW Steering Committee on demand, and authors will be notified whether their abstracts are accepted or rejected by email in a timely manner.
Please obtain permission from your supervisor or advisor before submission.

Participation fee

Participant fee for presenters is free of charge.

Contact

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Venue:

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