



REPM 2025



Tsukuba, Japan
July 27th - 31st, 2025

CHAIRS

Dr. Kazuhiro Hono
NIMS, Japan

Dr. Tadakatsu Ohkubo
NIMS, Japan

STEERING COMMITTEE

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TU Darmstadt, Germany

Dr. Nora Dempsey
Institute Néel, CNRS/UGA, France

Dr. Kazuhiro Hono
NIMS, Japan

Prof. Jinbo Yang
Peking University, China

Prof. Laura Lewis
Northeastern University, USA

IMPORTANT DATES 2025 [tentative]

February 12th
Abstract submission deadline

April 11th
Registration opens

April 18th
Acceptance notification

June 15th
Early-bird registration due

July 10th
Registration closes

July 27th - 31st
REPM 2025

August 1st
Postconference tour

The 28th International Workshop on Rare Earth and Future Permanent Magnets and Their Applications

We would like to invite you to attend the 28th International Workshop on Rare Earth and Future Permanent Magnets and Their Applications (REPM 2025), which will be held from 27 July (Sunday) to 31 July (Thursday), 2025, in Tsukuba, Japan. The workshop provides a platform for scientists and engineers from all over the world working in the field of permanent magnets to get together and discuss their research and ideas on topics including:

- Raw materials, resources, mining & supply chains
- Environmental impact & magnet recycling
- RE-Fe-B, RE-Co, and RE nitride magnets : processing & properties
- Rare earth free permanent magnets
- Nanocomposite & thin film magnets
- Unconventional processing including additive manufacturing
- Advanced characterization
- Density functional theory & micromagnetic modelling
- Machine learning & high throughput approaches
- Applications including magnetocalorics

VENUE

The workshop is hosted by **National Institute for Materials Science** and takes place at **Tsukuba International Congress Center**, 2-20-3 Takezono, Tsukuba city, Japan.

FEATURES

- Visit **Tsukuba Science City**
- Easy access from Tokyo
- **Postconference tour to Nikko**, a world heritage site

REPM2025@nims.go.jp
<https://www.nims.go.jp/mmu/rep2025>

