

FIRST ANNOUNCEMENT

27th Coordinated Working Group Meeting

National Institute for Fusion Science (NIFS), Toki, Japan, February 8th – 10th, 2027

Dear Colleagues,

We are pleased to announce that the 27th Coordinated Working Group Meeting (CWGM) of the Stellarator-Heliotron Technology Collaboration Programme, under the auspices of the International Energy Agency, will be held from February 8th to February 10th, 2027, hosted by the National Institute for Fusion Science (NIFS) in Toki, Japan. Note that the LHD Workshop will take place in Nagoya, Japan, from February 15th to February 19th, 2027. The meeting dates are intended to facilitate participation in the workshop and to hold the CWGM sufficiently in advance of the W7-X OP2.5 campaign. Below, please find important information on various aspects of this CWGM.

Scope

The CWGM is a working meeting, not a scientific conference. It fosters and promotes international collaborations within the Stellarator-Heliotron community and synergies with tokamaks and other magnetic field configurations. The meeting outcome will be agreed-upon joint actions and recommended joint experiments for the Stellarator-Heliotron Technology Collaboration Programme members.

The program covers strategic discussions for task forces, joint actions, tokamak/stellarator cooperation, and future directions for the stellarator-type reactor. Please contact the colleagues listed below if you would like to contribute to any of these topics:

Core transport and confinement in multi-ion plasmas

- M. Nunami (NIFS), D. Carralero (CIEMAT)

Energy, particle, and impurity transport in the SOL and divertor

- V. Winters (IPP), D. Boeyaert (UW Madison)

Energetic Particles, MHD, and High-Beta

- A. Knieps (FZJ), A. Wright (UW Madison)

Venue

The meeting will be held at the National Institute for Fusion Science (NIFS), Toki, Japan. The meeting room and daily schedule will be announced on the meeting webpage.

Remote participation

Remote participation will be available via Zoom. Connection details will be provided to registered participants before the meeting.

Registration

On-site attendance is strongly encouraged. Registration details will be announced on the meeting webpage.

[Registration / Indico URL: <https://indico.nifs.ac.jp/e/27thCWGM-nifs>]

The meeting agenda and other practical information will be added to the webpage in due time.

Technology Collaboration Programme

by **iea**

A more detailed tentative agenda is expected to be available in November 2026, allowing participants to plan their in-person attendance.

If you have questions or comments about organizational matters, please contact Gen Motojima (NIFS) or Yuki Takemura (NIFS).

Gen Motojima: motojima.gen@nifs.ac.jp

Yuki Takemura: takemura.yuki@nifs.ac.jp

We look forward to seeing you at NIFS!

Sincerely,

CWGM Organizing Committee

Arturo Alonso	(CIEMAT, Spain)
Dorothea Gradic	(IPP, Germany)
Benedikt Geiger	(UW Madison, USA)
Gen Motojima	(NIFS, Japan)
Novimir Pablant	(PPPL, USA)
Yuki Takemura	(NIFS, Japan)

Local Organizing Committee

Gen Motojima	(NIFS, Japan)
Yuki Takemura	(NIFS, Japan)
Kenichi Nagaoka	(NIFS, Japan)