

INTERNATIONAL ORGANIZING COMMITTEE

Pavel Vladimirov	Karlsruhe Institute of Technology
Jae-Hwan Kim	National Institutes for Quantum Science and Technology, QST
Christopher Dorn	Be4FUSION & Kyoto Fusionneering
Alexander Gervash	D.V.Efremov Institutes of Electrophysical Apparatus
Yevgeniy Frants	Ulba Metallurgical Plant, Kazakhstan
Slava Kuksenko	UKAEA, United Kingdom

PROGRAM AND LOCAL ORGANIZING COMMITTEE

Jae-Hwan Kim (QST)

Taehyun Hwang (QST)

Juro Yagi (Kyoto University)

Keisuke Mukai (NIFS)

WORKSHOP SECRETARY

Taehyun Hwang QST

Phone : +81-175-71-6694

e-mail : secretary.bews17@qst.go.jp

<https://www.icfrm->

[22.com/satellite/workshop/index.html#home](https://www.icfrm-22.com/satellite/workshop/index.html#home)

KEY DATES

Abstracts Due	2nd May, 2025
Notification of Acceptance	6th June, 2025
Registration Opens	2nd May, 2025
Late Registration	10th August, 2025
Final Program	31th August, 2025
Papers Due	30th September, 2025
Conference Dinner	6th October, 2025
Workshop	6-8th October, 2025
Site tour	8th October, 2025

TRAVEL NOTES

The BeWS-17 venue will be on the Uji campus of Kyoto University. Uji is a small city situated between Kyoto and Nara, two of Japan's most famous historical and cultural centers. Its proximity to these two former capitals resulted in Uji's early development as a cultural center in its own right. At the height of political power of the Fujiwara clan in the Heian Period (710-1185), buildings such as Byodoin Temple and Ujigami Shrine, the oldest extant shrine in Japan, were constructed in Uji.

You can access more information on as follows:

<https://www.japan-guide.com/e/e3975.html>



17th International Workshop on Beryllium Technology

October 6-8, 2025

First Announcement



Disclaimer: The Implementing Agreement for a Programme of Research and Development on Radiation Damage in Fusion Materials, also known as the Fusion Materials IA, functions within a framework created by the International Energy Agency (IEA). Views, findings and publications of the Fusion Materials IA do not necessarily represent the views or policies of the IEA Secretariat or of all its individual member countries.

The 17th International Workshop on Beryllium Technology will be held on October 6-8, 2025 after the International Conference on Fusion Reactor Materials (ICFRM-22).

Previously, the focus has been put on beryllium technology in fusion energy development. Since 2005, the scope has been expanded to include fission applications of beryllium.

SCOPE

The objective of this workshop is to disseminate results of research and technology development in areas relevant to beryllium utilization in nuclear power systems, both fission and fusion. Papers presenting original research in these topical areas are solicited for presentation and publication.

TECHNICAL PROGRAM

Papers are called for in the following areas

- Production, forming and joining
- Chemical compatibility and corrosion
- Irradiation effects - Neutron, He and H-Isotope effects - Microstructural evolution - Mechanical & physical property degradation
- Composition control and characterization
- Modeling and experimental validation of irradiation defects in HCP materials
- Thermal and mechanical properties
- Monitoring, disposal and recycling
- High heat flux performance
- Beryllide applications
- Molten salts, FLiBe, etc
- Health and safety issues

ABSTRACTS

Abstracts should be submitted in electronic format by 2th May, 2025. Instructions for preparation and submittal of abstracts manuscripts may be found on website (TBD).

Authors will be notified of paper acceptance and manuscript preparation requirements by 6th June, 2025. The final program will be published by 30th Sept, 2025. Printed abstracts will be distributed to all workshop participants.

PRESENTATIONS

All papers accepted for the workshop will be presented orally. The workshop language is English. Presenters having difficulty with English are encouraged to provide an interpreter. PowerPoint presentations are encouraged. PC equipment and slide projector will be available. Electronic versions of presentations made are required by the workshop secretariat before the workshop begins. Workshop presentations will be available at the workshop website soon after the workshop.

PUBLICATION

A workshop proceedings volume with all papers presented at the workshop will be printed as QST report and distributed to attendees. Papers are due in MS WORD compatible electronic format to conference organizers before 30th Sept., 2025. Format information is available online at the website.

REGISTRATION

Workshop registration is available online starting 2nd May 2025 at the workshop website. The registration fee for workshop participation is 200 € (150 € for students) via

online payment system, but it is 250 € (200 € for students) after 10th Aug. 2025. On-site payment is not allowable. Payment details are at the website.

AWARD

The Prof. Mario Dalle Donne Memorial Award (MDDMA) has been established at the BeWS-11 in Barcelona to encourage scientists and engineers with outstanding achievements in beryllium-related research. An MDDMA trophy or plaque will be given to the award winner. All beryllium-related communities including the BeWS IOC hope to see beryllium R&D expansion, and we look forward to the continuing development of your activities through the MDDMA. A young researcher award for Ph.D. candidates and postdoctoral individuals (under 35 years old), will be given for excellent young researcher resources by providing a certificate document of exemption of registration fee for the next BeWS-18.

ACTIVITIES

A workshop conference dinner (included in the registration fee, but accompanying persons are required to pay 100 €) will be held on October 6, 2025. Site tours will be prepared in facilities at Kyoto University and others (TBD).

JOINT WORKSHOP

BeWS17 will be held with a joint session of 22nd International Workshop on the Ceramic Breeder Blanket Interactions (CBBI-22). The details will be informed by the website and email.