

## INTERNATIONAL ORGANIZING COMMITTEE

Christopher Dorn - Materion Brush Beryllium & Composites, USA.

Anton Möslang - Karlsruhe Institute of Technology, Germany.

Masaru Nakamichi – Japan Atomic Energy Agency, Japan.

Alexander Semionov - A.A. Bochvar Institute, Russia.

Irina Tazhibayeva - Institute of Atomic Energy of National Nuclear Center, Kazakhstan.

## PROGRAM AND LOCAL ORGANIZING COMMITTEE

Jae-Hwan Kim, JAEA (Program Committee)  
Seungyon Cho, NFRI (Local Org. Committee)

## WORKSHOP PROGRAM SECRETARY

Dr. Jae-Hwan Kim  
Japan Atomic Energy Agency, Japan  
Phone : +81 (0)175 71 6537  
Fax : +81 (0)175 71 6602  
e-mail : secretariat@bews-12.org

## WORKSHOP LOCAL SECRETARY

Ms. Hye-jin Yun  
Team Manager, Global Cooperation Team  
National Fusion Research Institute, Korea  
Phone : +82 (0)42 879 5093  
Fax : +82 (0)42 879 6907  
e-mail : secretariat@bews-12.org

## KEY DATES

Abstract Due	May 1, 2015
Notification of Acceptance	May 18, 2015
Registration Opens	February 6, 2015
Late Registration	August 10, 2015
Final Program	August 31, 2015
Papers Due	September 11, 2015
Conference dinner	September 10, 2015
Workshop	September 10-11, 2015

## TRAVEL NOTES

Jeju is a volcanic island, 130 km from the southern coast of Korea. The largest island and smallest province in Korea, the island has a surface area of 1,846 km<sup>2</sup>. A central feature of Jeju is Hallasan, the tallest mountain in South Korea and a dormant volcano (World Heritage site), which rises 1,950 m above sea level. 360 satellite volcanoes are around the main volcano.

The workshop will take place at International Convention Center Jeju (ICCJEJU), Jeju.

Visa may be required by visitors from some countries to the Jeju, Korea. The workshop will benefit greatly by strong international participation. Those who will need visas are encouraged to apply early to avoid disappointment. Please check it as following site for Visa application.

[http://www.immigration.go.kr/HP/IMM80/imm\\_04/imm\\_p01/vm3.jsp](http://www.immigration.go.kr/HP/IMM80/imm_04/imm_p01/vm3.jsp)



## 12<sup>th</sup> International Workshop on Beryllium Technology

10-11 September 2015

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 IEA Energy Technology Initiative on Fusion Materials, 12<sup>th</sup> International Workshop on Beryllium Technology will be held in **September 10-11, 2015** as a satellite workshop of the ISFNT-12. Previously, the focus has been put on beryllium technology in fusion energy development. Since 2005, the scope is expanded to include fission applications of beryllium as well.

## 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
- Health and safety issues
- High heat flux performance
- Plasma/tritium interactions
- Beryllide applications

## ABSTRACTS

Abstracts should be submitted in electronic format by **May 1, 2015**. Instructions for preparation and submittal of abstracts manuscripts may be found on the Internet that will be open with the second announcement.

Authors will be notified of paper acceptance and manuscript preparation requirements by **September 11, 2015**. The final program will be published by **August 31, 2015**. 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 overhead transparency 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 JAEA-Conf. report and distributed to attendees.

Papers are due in MS WORD compatible electronic format to conference organizers before **September 11, 2015**. Format information is available online at the website.

## REGISTRATION

Workshop registration is available online starting **February 6, 2015** at the workshop website ([www.isfnt-12.org/bews-12](http://www.isfnt-12.org/bews-12)). The registration fee for workshop participation is 250 \$, but it is 300 \$ after **August 10, 2015**, payable in dollars. Cash payments will be not possible. Payment details will be given at the website. The registration fee includes two day's lunches, conference dinner, coffee and tea during session break.

## AWARD

Prof. Mario Dalle Donne Memorial Award (MDDMA) has been established at previous BeWS-11 held in Barcelona for encouraging someone with outstanding achievements concerning beryllium-related research. A plaque of MDDMA will be given to the award winner.

All of beryllium-related communities including BeWS IOC hope to see beryllium R&D expansion and look forward to the continuing development of your activities through the MDDMA.

## ACTIVITIES

A workshop conference dinner (included in the registration fee) will be held on **September 10, 2015**.

## ACCOMMODATION

Information on hotels near the workshop location is given on the website.