

INTERNATIONAL ORGANIZING COMMITTEE

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WORKSHOP SECRETARY

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<http://www.kit.edu/bews11>

KEY DATES

Abstract Due	June 1, 2013
Notification of Acceptance	June 25, 2013
Registration Opens	March 15, 2013
Late Registration	August 15, 2013
Final Program	August 31, 2013
Papers Due	September 13, 2013
Conference dinner	September 12, 2013
Workshop	September 12-13, 2013

TRAVEL NOTES

Barcelona is the capital of Catalonia as well as a city with an essentially Mediterranean culture and history. It is a city replete with monuments, buildings and unique places that are well worth a visit. The cradle of Catalan culture, amongst many other cultures and civilisations, and a witness to major transformations such as the Industrial Revolution or the Civil War amongst many others, Barcelona has a fascinating history.

The workshop will take place at the Technical University of Catalonia, Barcelona.

Visas may be required by visitors from some countries to the European Union. The workshop will benefit greatly by strong international participation. Those who will need visas are encouraged to apply early to avoid disappointment.



11th IEA International Workshop on Beryllium Technology

12 – 13 September 2013

First Announcement and Call for Papers

The 11th IEA International Workshop on Beryllium Technology will be held on **September 12-13, 2013** in Barcelona, Spain as a satellite workshop of the ISFNT-11.

Previously, the focus has been 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 June 1, 2013. Instructions for preparation and submittal of abstracts and manuscripts may be found on the Internet at <http://www.kit.edu/bews11>

Authors will be notified of paper acceptance and manuscript preparation requirements by **June 25, 2013**. The final program will be published by **August 31, 2013**. 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 overhead transparency projector will be available.

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 CIEMAT scientific report and distributed to attendees.

Papers are due in MS WORD compatible electronic format to conference organizers before **September 13, 2013**. Format information is available online at the website.

REGISTRATION

Workshop registration is available online starting **March 15, 2013** at the workshop website. The registration fee for workshop participation is **200 €**, but it is **250 €** after **August 15, 2013**, payable in Euros. Cash payments will be not possible. Payment details will be given at the website.

ACTIVITIES

A workshop conference dinner (included in the registration fee) will be held on **September 12, 2013**.

BeYOND-V workshop "Beryllium Opportunities for New Development" will be held during ISFNT-11. BeYOND is working as a communication platform for researchers and industry with the aim to bring ITER to life and to prepare a "fast track" for DEMO.

Accommodation

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