Dear Colleague:

You are invited to participate in the 13th International Workshop on the Ceramic Breeder Blanket Interactions to be held 30 Nov–2 Dec at the Fess Parker DoubleTree Resort in Santa Barbara, CA, USA.

As ITER blanket testing becomes our near-term focus, it may be beneficial that CBBI participants take the opportunity to explore and discuss the merits of a collaborative ITER test blanket program, including supporting activities, R&D, and validation testing that each party can provide to the greater world fusion community effort. This discussion is consistent with the goal of TBWG, while it is understood that an implementation program should be identified through IEA agreement. It is our wish to make this an active topical discussion for CBBI-13.

Your presentations and/or topical discussions are essential contributions to the advancement of the ceramic breeder blanket as a vital system for tritium fuel production and energy extraction in a fusion energy reactor. We look forward to seeing you at CBBI-13.

Sincerely,

Dr. Alice Ying
Chair, Local Organizing Committee/CBBI-13

Program Advisory Committee
M. Abdou, UCLA
M. Akiba, JAERI
L.V. Boccaccini, FZK
K. Hayashi, JAERI
J. van der Laan, NRG
J.-D. Lulewicz, CEA
G. Nardella, OFES, USA
S. Tanaka, Tokyo University
M. Yamawaki, Tokai University

Local Organizing Committee
A. Ying, UCLA
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CBBI-13 Workshop Contact Person
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CBBI-13 is held under the auspices of the IEA Implementing Agreement and Japan-US Fusion Collaboration Framework on the Nuclear Technology of Fusion Reactors.
**Scope**

CBBI-13 will provide a forum for the specialists involved in the design, research, development and testing of materials and components for lithium ceramic based breeding blankets. The emphasis is on the ITER test program and solid breeder R&D. The workshop will include presentations on recent technical progress, discussions on the status of selective key issues for ceramic breeder blanket interactions, and formulation of ways of addressing those issues in the future.

**Technical Program**

- Evolutions in Solid Breeder Blanket Design, Including ITER TBM
- Progress in Ceramic Breeder Material Development
- Irradiation Testing
- Breeder Material Properties
- Out-of-Pile Pebble Bed Experiments
- Modeling of the Thermal and Mechanical Behavior of Pebble Beds
- Topical Discussions (ITER TBM R&D plans, Mock Tests for TBM Performance Evaluation and collaborative activities)

*Russian and Chinese participants should contact Dr. Ying as soon as possible for invitation letters for the US entry visa process.*

**Workshop Date and Location**

The workshop will be held 30 Nov–2 Dec 2005, in Santa Barbara, CA, USA, at the Fess Parker DoubleTree Resort.

**Call for Abstracts**

Authors are kindly requested to submit abstracts for contributed presentations. The deadline for abstract submission is 30 July 2005.

The abstracts should be submitted as an attachment via electronic mail (as Word or PDF file) to Dr. Pattrick Calderoni (patcal@fusion.ucla.edu).

The program committee will advise in the selection of presentations and participants may be asked to contribute to the discussions. Authors and contributors will be notified by 30 Aug 2005.

Please reply indicating your participation before 15 Sep 2005 to the workshop contact person.

**Key Dates**

- Abstract Due: 30 Jul 2005
- Notification to Authors: 30 Aug 2005
- Call for Registration: 15 Sep 2005

**Hotel Accommodations**

We have secured a block of 10 rooms at the Fess Parker DoubleTree Resort (location of the conference) at the favorable rate of $149/night. We can also recommend the nearby Marriott Hotel (within walking distance).

**Contact for Accommodations**

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**Workshop Information**

Information on CBBI-13 can be obtained at: [http://www.fusion.ucla.edu/cbbi13/](http://www.fusion.ucla.edu/cbbi13/)

*CBBI-13 will take place in the week before ICFRM-12 and concurrently with the 7th IEA Beryllium workshop, both of which will also be held at the Fess Parker DoubleTree Resort in Santa Barbara, CA, USA.*