

From "Jochen Linke" <j.linke@fz-juelich.de>  
Subject Call for papers: Advanced Ceramics and Composites for Nuclear and Fusion Applications  
Date Thu, July 1, 2010 5:24 pm  
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## ANNOUNCEMENT AND CALL FOR PAPERS

Dear Colleague,

It is our great pleasure to invite you to participate in **the 35<sup>th</sup> International Conference on Advanced Ceramics and Composites (ICACC-2011)** in Daytona Beach, January 23-28, 2011. ICACC-2011 website: [www.ceramics.org/daytona2011](http://www.ceramics.org/daytona2011)  
Call for Papers: [http://ceramics.org/wp-content/uploads/2010/04/icacc11\\_cfpbrochure.pdf](http://ceramics.org/wp-content/uploads/2010/04/icacc11_cfpbrochure.pdf)

In particular we want to draw your attention to **Symposium 13: [Advanced Ceramics and Composites for Nuclear and Fusion Applications](#)**. This symposium provides a venue for materials scientists and nuclear engineers to discuss the opportunities and needs of advanced ceramics and composites in such energy systems, and current state of the art for science and technology of these materials ranging from materials design, processing, and properties to qualification and licensing. This symposium will deal with topics related to:

- Ceramic and carbon composites for high temperature reactors
- SiC ceramics and composites for fusion energy
- Ceramic for fuel coating and inert fuel matrix
- Materials for fusion plasma facing components
- ZrC and other alternative fuel coatings
- Graphite and carbon materials
- Radiation and environmental effects
- Fuel reprocessing and management of fission product elements
- Crystalline, amorphous and composite materials for waste immobilization
- Stress, operating temperature, and lifetime-limiting issues
- Material/composite design
- Test standards and design codes
- Joining and coating

Prospective participants wishing to present a paper or poster are invited to submit an abstract electronically **not later than July 19, 2010**.

We look forward to a successful symposium,  
Jochen Linke and Yutai Katoh,  
On behalf of Symposium 13 organization, ICACC-2011

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