

## Conference committee

- Chair** Prof. Dr. Alexander Michaelis  
Institute Director  
Fraunhofer Institute for Ceramic Technologies and Systems IKTS  
Dresden, Germany
- Co-chair** Dr. Mrityunjay Singh  
Chief Scientist  
Ohio Aerospace Institute, NASA Glenn Research Center  
Cleveland/OH, USA
- Co-chair** Prof. Dr. Tatsuki Ohji  
Prime Senior Research Scientist  
National Institute of Advanced Industrial Science and Technology (AIST)  
Nagoya, Japan

## Important dates

Date	Obligation
September 23, 2011	Submission of abstracts ends
October 7, 2011	Notification of acceptance
December 1, 2011	Final program
March 26, 2012	Early bird registration ends
May 20-23, 2012	10th CMCEE

## Information



International Symposium on Ceramic Materials and Components for Energy and Environmental Applications

### 10th CMCEE

May 20-23, 2012  
Dresden, Germany  
International Congress Center

In cooperation with  
**CERAMITEC 2012**  
May 22-25, 2012  
Munich, Germany  
New Munich Trade Fair Centre

Please visit our website for updated and more detailed information on the conference (conference topics, call for papers/posters, sponsoring, registration, accommodation):

[www.cmcee12.de](http://www.cmcee12.de)

## Contact

### Local organizing committee

Fraunhofer Institute for Ceramic Technologies and Systems IKTS  
Winterbergstrasse 28  
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10th **CMCee**

**International Symposium on Ceramic Materials and Components for Energy and Environmental Applications**

**Call for papers and posters**

**May 20-23, 2012**

**Dresden, Germany  
International Congress Center**



The 10th CMCEE is the continuation of the International Symposium on Ceramic Materials and Components for engines series, held every three to four years for the last 32 years in Asia, Europe and America, in rotation. This series of conferences has been established as a global high-level event on ceramic materials and innovations. To encourage and promote ceramic research for energy and environmental applications, the Dresden conference will provide a unique platform for scientists, engineers, educators and ceramists to discuss these issues.

## Dresden: Location of the 10th CMCEE

Spirited intellectual exchange is a tradition in this internationally known artistic and cultural metropolis. Scientific competency and inventiveness have enabled the city to assert itself again and again as a high-tech location. Since as early as the 18th century, Dresden has been shaped by a fruitful association of business and science. Important inventions and developments resulted from this symbiosis. In 1708 Johann Friedrich Böttger developed the technique for making European porcelain here. Based on this tradition Dresden nowadays developed to be the center of advanced ceramics in Europe.

Today the Saxon residence presents itself as a modern city, although even today the buildings from the renaissance, baroque and 19th century, like the Zwinger, the Semper Opera House, the Royal Palace or the Frauenkirche, determine the Elbe front and the face of the city.

## Cooperation with CERAMITEC 2012 in Munich

For the first time the CMCEE conference will take place in cooperation with the CERAMITEC 2012 in Munich. Participants have the opportunity to visit this leading fair for ceramics by booking the optional Munich package (organized transfer on May 23, 2012).

The 12th International Trade Fair for Machinery, Equipment, Plants, Processes and Raw Materials for Ceramics and Powder Metallurgy takes place from May 22 to 25, 2012 at the New Munich Trade Fair Centre. CERAMITEC is the leading trade fair for decision makers in the ceramics industry. Alongside coverage of the traditional ceramic areas, the sections on 'Technical Ceramics' and 'Advanced Ceramics' will be further expanded.

## Conference sessions

1. SOFC materials and technology
2. Energy harvesting systems
3. High-temperature ceramic filters and membranes
4. Advanced structural ceramics for energy and environmental technology
5. Ceramic materials and systems for energy conversion and storage
6. Bioceramics and medical applications
7. Ceramic coatings for structural, environmental and functional applications
8. Novel, green and energy efficient processing and manufacturing technologies
9. Advanced functional ceramic materials and systems
10. Nanoscaled ceramic powders and fibers, their properties and applications
11. Precursor derived ceramics
12. Ceramic matrix composites (CMC)
13. Transparent ceramics

## Paper and poster submission

We cordially invite you to attend the 10th CMCEE. With your participation we look forward once again to discussing the most important questions in the field of 'ceramic components and materials for energy and environmental technology', to gaining new knowledge and to identifying future trends in advanced ceramics science and technology. The organizers of the 10th CMCEE invite scientists, engineers, educators, ceramists and managers to submit abstracts for oral and poster presentation no later than September 23, 2011.

Please find more information on our website [www.cmcee12.de](http://www.cmcee12.de).

## Preliminary schedule & social events

### Sunday, May 20

3:00 p.m.-8:00 p.m.	Registration
6:00 p.m.-8:00 p.m.	Get together

### Monday, May 21

9:00 a.m.-6:00 p.m.	Oral sessions
6:00 p.m.-10:00 p.m.	Poster session

### Tuesday, May 22

9:00 a.m.-6:00 p.m.	Oral sessions
8:00 p.m.-10:00 p.m.	Conference banquet

### Wednesday, May 23

9:00 a.m.-2:00 p.m.	Oral sessions
2:00 p.m.	Transfer to Munich

### Thursday, May 24

9:00 a.m.-6:00 p.m.	Access to CERAMITEC 2012 and Symposium "Advanced ceramics"
6:00 p.m.-9:00 p.m.	Bavarian evening

## Registration fees

Regular	from Euro 650
Reduced (students)	from Euro 490

### Munich package (optional)

Regular	from Euro 90
Reduced (students)	from Euro 70

Please find more information about services included and terms of payment on our website [www.cmcee12.de](http://www.cmcee12.de).