

Conference committee

Chair



Prof. Dr. Alexander Michaelis
Fraunhofer Institute for Ceramic
Technologies and Systems IKTS
Institute Director
Dresden, Germany

Co-chair



Prof. Dr.-Ing. Walter Krenkel
University of Bayreuth
Chair of Ceramic Materials Engineering
Bayreuth, Germany

Co-chair



Prof. Dr. Jens Günster
Federal Institute for Materials
Research and Testing BAM, Head of Division
Ceramic Processing and Biomaterials
Berlin, Germany

Contact

Local organizing committee

Fraunhofer Institute for Ceramic Technologies and Systems IKTS
Winterbergstrasse 28
01277 Dresden, Germany
info@icc-6.com

www.icc-6.com

Please visit the conference website for detailed information on conference topics, call for papers and posters, sponsoring, registration, industrial exhibition, social program and accommodation.

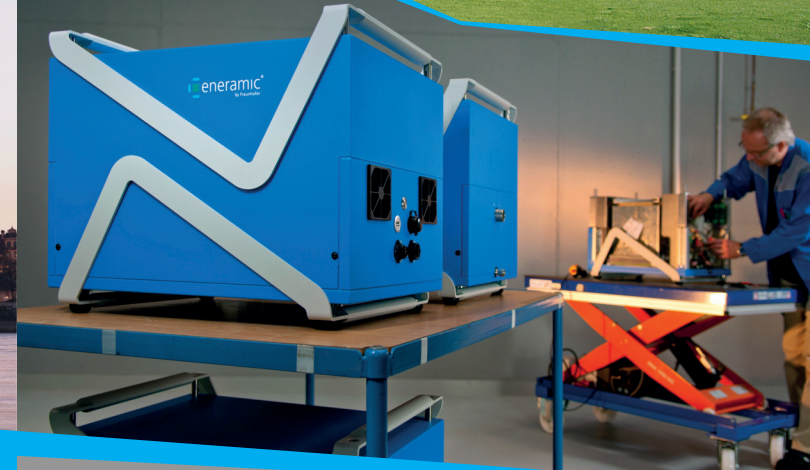


ICC6 International Congress on Ceramics *From Lab to Fab*

August 21–25, 2016

Dresden, Germany, International Congress Center

Call for papers and posters



Important dates

December 16, 2015
January 14, 2016
March 10, 2016
June 20, 2016
August 21–25, 2016

Submission of abstracts
Notification of acceptance
Final program
Early bird registration
ICC6 takes place



www.icc-6.com



Deutsche Keramische
Gesellschaft e. V.

 **Fraunhofer**
IKTS



International Ceramic Federation



The 6th International Congress on Ceramics **ICC6** will be held from August 21-25, 2016 in Dresden, Germany.

This international conference continues the series of ICCs, which were hosted in Toronto (Canada, 2006), Verona (Italy, 2008), Osaka (Japan, 2010), Chicago (USA, 2012) and Beijing (China, 2014). It has been established as a global high-level platform for scientists, engineers, business leaders and ceramists to discuss the latest innovations and scientific achievements in the field of advanced ceramics. Ideas and visions of the future for both conventional and new processing technologies as well as applications are shared.

Themed **From Lab to Fab**, the ICC6 will especially focus on stimulating an international technology transfer from research to application in symposia with balanced contributions from academia and industry. It will also address equipment manufacturers. The congress will be accompanied by an industrial exhibition. On behalf of the International Ceramic Federation (ICF) the ICC6 is hosted by the German Ceramic Society DKG (Deutsche Keramische Gesellschaft) and the Fraunhofer-Gesellschaft.

Dresden: Location of the ICC6

Spirited intellectual exchange is a tradition in this internationally known artistic and cultural metropolis. Scientific competence 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. Being rooted in this tradition, Dresden nowadays is a 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 waterfront and the face of the city.

Conference topics

- Ceramic materials and systems for energy conversion and storage
- Additive manufacturing
- Novel, green and energy efficient processing and manufacturing technologies and new equipment trends
- Cellular and porous ceramics (filters and membranes)
- New trends in silicate and traditional ceramics
- Materials and process diagnosis for quality assessment/non-destructive testing
- Life cycle prognosis, simulation and modeling
- Analysis of wear, tribology and corrosion properties
- Bioceramics and medical applications
- Ceramic coatings for structural, environmental, functional and bioapplications
- Functional ceramic materials and systems
- Advanced structural ceramics and their applications
- Nanoscaled ceramics and composites
- Precursor-derived ceramics (PDCs)
- Ceramic matrix composites (CMCs)
- Transparent ceramics and luminescent materials
- Max phases and ultra-high temperature ceramics (UHTCs)

Paper and poster submission

The ICC6 chairmen invite you to attend the ICC6. With your participation we look forward to discussing the most important issues in the field of advanced ceramics for gaining new knowledge and for identifying future trends in ceramic science and industry.

A major concern of ICC6 is bringing together suppliers of ceramic processing equipment and experts from the material science community. Abstracts can be submitted for oral and poster presentations no later than December 16, 2015. You are also invited to become an exhibitor at ICC6.

Preliminary schedule and social events

Sunday, August 21, 2016

3:00 p.m.–8:00 p.m. Registration

6:00 p.m.–8:00 p.m. Get together

Monday, August 22, 2016

9:00 a.m.–6:00 p.m. Oral sessions

6:00 p.m.–10:00 p.m. Poster session, industrial exhibition

Tuesday, August 23, 2016

9:00 a.m.–6:00 p.m. Oral sessions

6:00 p.m.–10:00 p.m. Cultural program

Wednesday, August 24, 2016

9:00 a.m.–6:00 p.m. Oral sessions

8:00 p.m.–10:00 p.m. Conference banquet

Thursday, August 25, 2016

9:00 a.m.–2:00 p.m. Oral sessions

2:00 p.m. Wrap up

Registration fees	Early bird Before June 20, 2016	Late registration After June 20, 2016
Regular	Euro 775	Euro 890
Reduced (students)	Euro 490	Euro 600

Including

- 19 % VAT
- Conference sessions and proceedings
- Coffee, drinks and fingerfood during the breaks
- Small lunches
- Get together with snack on August 21, 2016
- Poster session and industrial exhibition with finger food on August 22, 2016
- Conference banquet on August 24, 2016