

Location



International Congress Center Dresden, Germany

Dresden, the capital of Saxony, is beautifully situated at the river Elbe. It is a cultural, political and economic center in the eastern part of Germany, because of its long history as capital and royal residence. The Kings of Saxony shaped the city with extraordinary cultural and artistic glory. Dresden is part of the UNESCO World Heritage since 2004.

The conference will be held at the International Congress Center Dresden.

Further Information

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Deadlines

Deadline for abstract submission: **31. 7. 2007**
(Instructions for online submission are available on the conference website)

Author notification: **7. 9. 2007**

Deadline for paper submission: **23. 1. 2008**

With friendly support of the GDCh Fachgruppe Festkörperchemie und Materialforschung:



GESELLSCHAFT DEUTSCHER CHEMIKER



Advanced Processing for Novel Functional Materials - APNFM 2008
23 - 25 January 2008
International Congress Center Dresden, Germany

1st Call for Papers



Fraunhofer Institut
Fertigungstechnik
Materialforschung



Max-Planck-Institut
für Chemische Physik fester Stoffe

Scope

The conference will be a forum for researchers and applicants of inorganic functional materials and the processes of their production.

The program consists of two parallel sessions and will focus on the latest developments in the fields of engineering inorganic functional materials in terms of fundamental understanding, technological issues and industrial applications with contributions by invited speakers and poster sessions.

Topics

The scientific program of APNFM 2008 will cover all aspects of the production, processing, microstructure, properties and applications of novel inorganic functional materials. Plenary and keynote lectures given by invited speakers together with oral and poster presentations will focus on innovative topics of technology, chemistry, physics and engineering of amorphous, nanostructured, poly-crystalline, single-crystalline and layered functional materials: preparation of nano-powders, rapid solidification, nano-powder consolidation, sintering, spark plasma sintering, Microwave sintering, mechanical alloying, shock compaction, severe plastic deformation, new processing concepts, characterization techniques, diamond tools, hard metals, cermets, Thermoelectrics, Piezoelectrics, magnetic materials, nanostructured and ultra-fine grained materials, Nanocomposites, Catalysts, Materials for thermal management, Electrical/Electronic materials, Hydrogen storage materials.

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