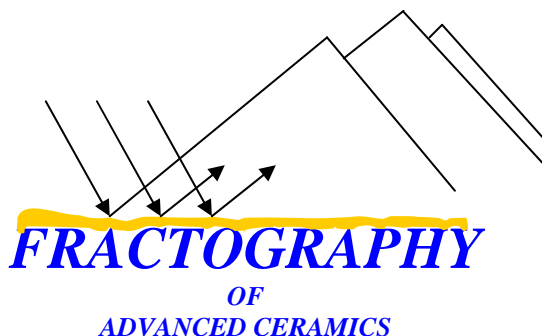


The **INSTITUTE OF MATERIALS RESEARCH**
of the **Slovak Academy of Sciences**

organizes the 3rd international conference



**in the ACADEMIA Congres Center,
Stará Lesná, The High Tatras, SLOVAK REPUBLIC,
on September 7-10, 2008,**

with the aim to contribute to the improvement of mechanical and functional properties, reliability, and lifetime of structural, and functional and biomedical ceramics by means of focused discussions and exchange of the current status of knowledge in damage mechanisms and fracture processes in these materials,

under the auspice of



Deadlines

March 15, 2008	Deadline for submission of abstracts
May 1, 2008	Notification of acceptance and Preliminary Programme
July 1, 2008	Early bird registration and Payment
August 1, 2008	Deadline for Registration and Payment at reduced rate
September 7, 2008	Submitting the Manuscripts

Organising Committee

J. Dusza	Co-Chairman
R. Danzer	Co-Chairman
R. Morrell	Co-Chairman
G. Quinn	Co-Chairman

Abstract Submission

The official language of the conference is English. Keynote lectures, invited lectures, lectures, and poster presentations are planned. Contributions will be accepted for presentation at the Conference on the basis of submitted abstracts.

The Proceedings will be published after the Conference by Trans Tech Publications Ltd. in the [Key Engineering Materials](#) series.

Exhibitors are invited to advertise their products and/or equipment for characterisation and testing of ceramics materials.

Keynote Lectures

George Quinn : "An Overview of 100 years of Fractography of Brittle Materials and Future Opportunities"

Richard Bradt : "Fractography and Legal Questions"

Roger Morrell : "High-temperature Degradation of Ceramic Dust Filters"

Robert Danzer : "Fracture of Electro Ceramic Components"

Invited Lectures

Susanne Scherrer : "Fractography of Dental Restorations"

Janet Quinn : "Fractography of Edge Chipping in Layered Structures"

Shelly Wiederhorn : "AFM for Fracture Characterization of Glasses and Ceramics"

Rolf Steinbrech : "Mechanical Integrity Studies of Solid Oxide Fuel Cells"

Gerold Schneider : "Study of Mechanical Properties and Fracture in Enamel"

Jakob Kuebler : "Fractography Supported Development of an Extrusion Paste and Process"

Marc Anglada : "Fracture of Layered Ceramics"

Venue

The conference takes place in the beautiful surroundings of the High Tatras mountains, and is easy to reach by air (Kosice airport), train, and road. The Conference will be held in Congress Center ACADEMIA, Stara Lesna in The High Tatras. The hotel is situated at distance of about 2 km from Tatranska Lomnica to be a turist centre of the mountains.

Registration

	before August 1, 2008	after August 1, 2008
Registration fee:	275 EUR / 9000 Sk	325 EUR / 10500 Sk
Student fee:	150 EUR / 4900 Sk	175 EUR / 5700 Sk
Exhibitor fee:	450 EUR / 15000 Sk	450 EUR / 15000 Sk
Accompanying Person fee:	70 EUR / 2300 Sk	70 EUR / 2300 Sk

Contact Us

FAC 2008, Institute of Materials Research, SAS, Watsonova 47, 040 01 Kosice, Slovakia

E-mail: fac2008@imr.saske.sk, URL: <http://www.imr.saske.sk/confer/fac2008>

Phone: ++421 55 79222462, Fax: ++421 55 79222408