

Combustion

6–11 August 2006, Heidelberg, Germany

The **31st International Symposium on Combustion** will be held 6–11 August at the University of Heidelberg, Germany. Hosted by the German Section of The Combustion Institute and the Interdisciplinary Center for Scientific Computing at the University of Heidelberg, the symposium is the largest international meeting in the field of combustion, bringing together the most renowned scientists from all over the world.

The purpose of this biennial event is to promote research and disseminate results in the field of combustion science. The symposium is open to anyone who is interested in the research of combustion phenomena. Participants have backgrounds in such diverse fields as physical chemistry, fuel technology, fluid dynamics, internal combustion engine design, fire research, environmental research, mechanical and aerospace engineering, and research on detonation.

The technical program of the 2006 symposium consists of oral sessions of contributed papers and poster sessions of works in progress. Invited lectures and topical reviews will be given by eminent specialists.

Selected topics include, among others:

- kinetics of hydrocarbon fuels, NO_x and SO_x mechanism generation, simplification, and reduction; and informatics of reaction systems
- development and application of diagnostic techniques and sensors for the understanding and control of combustion phenomena
- flames, including premixed, nonpremixed, and partially premixed flames, their ignition, extinction, stabilization, instabilities, and interactions with flows
- heterogeneous combustion, including fundamental aspects of combustion of solid fuels (e.g., coal, char, and biomass, including pyrolysis, gasification, and ash formation) as well as combustion of propellants and metals, catalytic combustion, and material synthesis, including nanoparticle synthesis

The well-rounded social program includes a reception at Heidelberg castle, a banquet at Schwetzingen castle, and a boat cruise on the Neckar River. For accompanying persons, there are various tours available, including visits to Strasbourg (France) and the Lorely.



www.combustion2006.org

Advanced Polymers for Emerging Technologies

10–13 October 2006, Busan, Korea

The **IUPAC International Symposium on Advanced Polymers for Emerging Technologies** will be held 10–13 October 2006 at BEXCO in Busan, Korea. The symposium is being organized to commemorate the 30th Anniversary of the Polymer Society of Korea (PSK). The symposium is sponsored by IUPAC and many polymer, chemical, and pharmaceutical companies.

The scientific program comprises plenary lectures, invited guest lectures, contributed oral presentations, and poster sessions. More than 90 plenary and invited lectures will be given by renowned polymer scientists and engineers from many foreign countries. The official language will be English.

The aim of PSK30 is to present and discuss recent achievements in the fields of advanced polymers, multidisciplinary applications of polymers, and future developments. The main topics of the symposium will

include the following:

- Advanced Polymers for Emerging Technologies
- Polymers for Electronics and Photonics
- Smart Polymers for Sensors and Intelligent Systems
- Biomedical Polymers
- Polymers for Energy Conversion and Storage
- Polymer Nanomaterials and Nanotechnology
- Contemporary Polymer Science and Technology
- Polymers Syntheses and Reactions
- Polymer Physics, Properties, and Characterization
- Environmental and Green Polymers
- Polymer Engineering and Processing
- Industrial Polymers

The deadline for abstract submission is 30 June 2006. Applications for pre-registration and hotel reservations will be accepted until 31 August 2006.

See Mark Your Calendar on page 44 for contact information.



www.psk30.org