



Advanced Polymeric Materials

11 June–15 June 2006, Bratislava, Slovakia

The Polymer Institute of the Slovak Academy of Sciences invites participants for the 20th Bratislava International Conference on Macromolecules—Advanced Polymeric Materials (APM-2006).

The conference will cover:

- advanced polymeric materials with emphasis on nanomaterials, thin-layer technologies, composites, and optically and electrically active systems
- surfaces, interfaces, interphases, and confined systems

- methods for molecular characterization of advanced polymers by chromatography and mass spectrometry
- bulk methods for characterization of advanced polymers
- modern processing and testing methods
- biopolymers and biodegradable and biocompatible polymers

The Organizing Committee is chaired by Dušan Berek and Mária Omastová.

For more information, write to <upolapm6@savba.sk> or to APM 2006, c/o Polymer Institute, Slovak Academy of Sciences, Dúbravská cesta 9, SK-842 36 Bratislava, Slovakia.

 www.upoldber.sav.sk

Chemical Thermodynamics

30 July–4 August 2006,
Boulder, Colorado, USA

For the first time, the following three conferences will be held simultaneously in a one-time event being called THERMO International 2006: the **19th IUPAC International Conference on Chemical Thermodynamics, the 61st Calorimetry Conference, and the 16th Symposium on Thermophysical Properties.**

The 19th IUPAC International Conference on Chemical Thermodynamics (19-ICCT) will be held in Boulder, Colorado, in the United States, from 30 July to 4 August 2006. This conference is being organized by the National Institute of Standards and Technology and the University of Colorado at Boulder. The International Conferences on Chemical Thermodynamics are traditionally held every 2 years and rotate between North America, Europe, and Asia; the 18th conference was held in Beijing, China, in August 2004. The upcoming conference will be held under the auspices of IUPAC and the International Association of Chemical Thermodynamics (IACT).

The program will include major award lectures, plenary lectures, invited lectures, oral presentations, poster papers, database and software demonstrations, and scientific exhibitions. Among the highlights of the program are the Rossini Lecture, the highest award

of the ICCT, as well as the IACT Doctorate Awards. The recipient of the 2006 Rossini Lectureship Award is Professor Alexandra Navrotsky of the University of California at Davis, USA (see Wire section, p. 18).

The Joint Scientific Program of the 19th International Conference on Chemical Thermodynamics and the 61st Calorimetry Conference will include the following Symposia and Workshops (an asterisk indicates that the symposium is jointly organized with the 16th Symposium on Thermophysical Properties):

Symposia

- Thermochemistry and Molecular Energetics
- New Materials
- Electrolyte and Non-Electrolyte Solutions Thermodynamics
- Phase Equilibrium, Supercritical Fluids, and Separation Technologies
- Colloid and Interface Science
- Thermodynamics and Properties in the Biological, Medical, Pharmaceutical, Agricultural, and Food Sectors*
- Molecular Modeling including Simulation*
- Ionic Liquids*
- Databases, Data Systems, Software Applications, and Correlations* (in memory of Dr. Randolph Wilhoit)

Workshops

- Thermodynamic Frontiers and Education

Where 2B & Y

- New Experimental Techniques
- Properties and Processes for a Hydrogen-Based Economy

This unique event will provide opportunities for researchers and practitioners worldwide to meet and discuss a broad spectrum of scientific problems in the fields of thermodynamics and thermophysical properties for a wide variety of systems and to discuss applications in chemistry, biology, chemical engineering, mechanical engineering, physics, and other areas

of science and engineering. Perhaps more important than the distinctions between the institutional labels applied to the disciplines is the continuum of activities involved, from fundamental science, to more empirical engineering approaches to thermodynamics and thermophysical properties, to the field practices where needs may be specific and immediate.

See **Mark Your Calendar** on page 44 for contact information.

 www.icct2006.org



Physical Organic Chemistry

20–25 August 2006, Warsaw, Poland

“New Interactions, New Materials, New Prospects in Physical Organic Chemistry”—

these will be the themes of the **18th IUPAC International Conference on Physical Organic Chemistry (ICPOC 18)** to be held in Warsaw, Poland, 20–25 August 2006. The event will be held at the Gromada Hotel near the Warsaw Airport. Warsaw, Poland’s capital, is one of the

fastest-growing cities in Europe; with a population of nearly 2 million, it houses the country’s largest university and research center and is known for its historic buildings and glorious past. The conference topics will cover the diversity of modern research in physical organic chemistry and its interplay with other fields of science. Three parallel stream sessions will be held, devoted to structural versus chemical properties and biochemical functions; nanotechnology and new machines; and new materials, new processes, and interactions.

See **Mark Your Calendar** on page 44 for contact information.

 www.science24.com/event/icpoc18

Radical Polymerization

3–8 September 2006, Il Ciocco, Italy

The **4th International Symposium on Radical Polymerization: Kinetics and Mechanism** will take place in September at the Il Ciocco hotel in the province of Lucca (Tuscany), Italy.

This symposium series is based on a scientific program covering all aspects of radical polymerization. It emphasizes poster sessions and avoids parallel sessions. The Italian setting contributes to the atmosphere, and all participants are accommodated in the same hotel, Il Ciocco, encouraging and facilitating interactions between participants. The previous three symposia were held also held in Italy: at Santa Margherita Ligure in 1987 and 1996, and at Il Ciocco in 2001.

The meeting will take place from Sunday evening (3 September 2006) through Friday evening (8 September

2006). No lectures will be given on Wednesday, when two main excursions will be organized.

The scientific program will center on the following topics:

- fundamentals of free radical polymerization
- heterogeneous polymerization
- controlled radical polymerization
- polymer reaction engineering
- polymer characterization

Each topic will be covered by main lectures given by invited speakers (approximately 23). Eight more short lectures will be selected from the submitted poster abstracts. The preliminary program can be found on the conference Web site.

See **Mark Your Calendar** on page 44 for contact information.

 www.sml06.nl