

Advanced Materials

17-22 April 2006, Nara, Japan

The **14th POLYCHAR World Forum on Advanced Materials** will be held 17-22 April 2006 in Nara, Japan. Previous conferences in this series have attracted attendees from approximately 40 countries.

POLYCHAR 14 will encompass the many research fields of polymer science. The main topic areas include 1) predictive method; 2) synthesis; 3) nanomaterials and smart materials; 4) mechanical properties and performance; 5) dielectric and electrical properties; 6) surface, interface, and tribology; 7) rheology, solutions and processing; 8) biomaterials and tissue engineering; 9) natural and biodegradable materials and recycling; and 10) characterization and structure-property relationships.

POLYCHAR-14 will feature both oral and poster presentations. The presentation papers will be published in *POLYMER* after standard reviews. Prizes for young scientists and students will be awarded for outstanding poster presentations.

On 18 April, a special symposium will be held to discuss the future development of women researchers in the polymer science field as well as those in the various science fields. Some well-known female professors and young female scientists will be invited as panelists. In addition, a short course will be held on 16 April for students and young researchers who want to investigate polymer science.

See Mark Your Calendar on page 42 for contact information.



www.unt.edu/POLYCHAR/polychar14/

Theoretical and Computational Chemistry

6-10 August 2006, Kunming, China

The **4th Worldwide Chinese Theoretical and Computational Chemistry Conference (WCTCC)**, in conjunction with the 2nd International Conference on Theoretical Chemistry, Molecular Modeling, and Life Sciences (ICTCLS), will be held in Kunming, China, 6-10 August 2006. This conference series has become an important gathering of Chinese theoretical and computational chemists from around the world. The previous WCTCC conference's were held in Dalian (2000), Taipei (2002), and Hong Kong (2004).

The purpose of the conference is to provide a forum for Chinese scientists to disseminate and share the latest developments in theoretical/computational chemistry and related interdisciplinary fields, and to foster scientific research in China. The main themes include, but are certainly not limited to:

- methodological development in electronic structure theory
- first-principles simulations of molecular devices
- molecular dynamics based on molecular mechanics/quantum mechanics

- reaction dynamics
- modeling of biomolecules and functions
- computational materials sciences
- excited states and their dynamics
- novel computational methods and algorithm

The conference will be co-organized by the Institute of Chemistry, Chinese Academy of Sciences, and the Yunnan University. The International Advisory Committee will be chaired by the prominent theoretical chemists Prof. Guangxian Xu of Peking University and Prof. Weitao Yang of Duke University. The organizing committee consists of Prof. Zhigang Shuai (Chair), Prof. Jiushu Shao, Prof. Shushan Dai, and Prof. Xueyan Tu. The conference will consist of plenary lectures (40 minutes), invited lectures (30 minutes), selected lectures (20 minutes), and poster presentations.

Kunming is the capital city of Yunnan province. The city and the province are well known for their beautiful, breathtaking, and unique natural landscapes, for the folk cultures of the various ethnic groups, and its mild climate.

The official language of the conference will be English.



<http://wtcc2006.iccas.ac.cn>