

SPONSORS



*International Union of
Pure and Applied Chemistry*

Please note that IUPAC Sponsorship implies that entry visas will be granted to all bona fide chemists provided application is made not less than three months in advance. If a visa is not granted one month before the meeting, the IUPAC Secretariat should be notified without delay by the applicant.



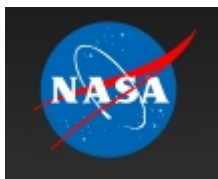
UCDAVIS
PETER A. ROCK
Thermochemistry
Laboratory

NEAT ORU
Nanomaterials in the Environment, Agriculture and Technology
Organized Research Unit

UCDAVIS
COLLEGE OF LETTERS & SCIENCE
Division of Mathematical and Physical Sciences

UCDAVIS
OFFICE OF RESEARCH

SETARAM
Instrumentation
KEP Technologies



NETZSCH

SGTE

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DEADLINES:

Abstracts

Notification of Acceptance

April 10, 2009

May 1, 2009

13th International IUPAC Conference on

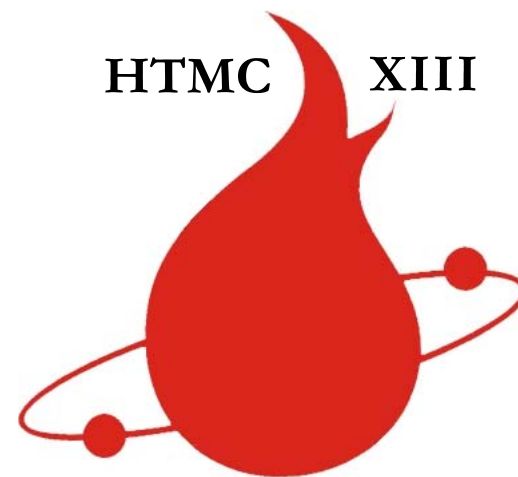
High Temperature
Materials Chemistry

HTMC - XIII

September 15 - 18, 2009

University of California, Davis
Davis, California, USA

HTMC XIII



UCDAVIS
UNIVERSITY OF CALIFORNIA

Updated Announcement
February 23, 2009

HTMC – XIII

GENERAL INFORMATION:

HTMC-XIII will be the 13th meeting in a series of conferences that are held every three years, the last occurring in Vienna, Austria. This will be the first time that UC-Davis hosts the conference. The meeting will be jointly organized by the Nanomaterials in the Environment, Agriculture, and Technology Organized Research Unit and the Peter A. Rock Thermochemistry Laboratory of UC-Davis.

The conference will take place on the University of California campus in Davis, CA located 75 miles (120 km) northeast of San Francisco. This small university town is easily accessed via Amtrak's Capitol Corridor train or interstate highway 80 and a major airport (Sacramento, SMF) is located nearby. Accommodations will be provided at hotels within Davis that are within walking distance to the conference site. The weather in mid September is clear and dry with average daytime highs around 85 F (30 C) and nighttime lows near 55 F (13 C).

SCOPE:

The focus of the meeting will be to bring together people from the fields of chemistry, Earth and planetary science and materials science who are working in the area of high temperature phenomena in solid and liquid materials.

PRESENTATION:

The conference will be conducted in English and will consist of invited lectures and contributed papers. Contributed papers will be accepted as oral presentations or posters.

MAIN TOPICS:

- High temperature thermodynamic measurement
- Interplay of theory and modeling with experiment in high temperature materials
- Earth and planetary materials at high pressure and temperature
- Materials for aerospace applications
- Materials for nuclear energy applications
- Transport, ionic and electronic conduction, densification, grain boundaries, interfaces and surfaces
- Melts, glasses and amorphous materials

CALORIMETRY WORKSHOP

SEPTEMBER 13-14

Sponsored by Setaram, Inc., this workshop will focus on high temperature calorimetry and stress the capabilities and applications of calorimetry and thermal analysis at 700-2400 °C. There will be lectures and demonstrations in the Peter A. Rock Thermochemistry Laboratory. Additional information is on the conference web page:

<http://neat.ucdavis.edu/HTMC-13>

Topics will include :

- High temperature analysis applications
- High temperature Calvet microcalorimetry applications and new instrumentation
- Setaram high temp thermal analysis line
- Calorimetric applications on solid electrolytes and other energy related material
- Energy related applications of the volumetric technique

HTMC – XIII

CONFIRMED LIST OF INVITED SPEAKERS:

Masaki Azuma	Japan
Ricardo Castro	Brazil
Yingwei Fei	USA
Susana Fries	Germany
Jonathan Stebbins	USA
Sharon Webb	Germany

YOUNG INVESTIGATOR AWARDS

Twenty Young Investigator Awards of \$1500 are available to qualified outstanding young researchers. The awards are intended to offset costs for attending the HTMC-XIII conference and to promote interaction with others in the field of high temperature materials. Details are available on the conference web site.

ACCOMMODATIONS:

A list of hotels may be found on the conference web site. Please mention the HTMC-13 conference when registering for a room.

CONFERENCE WEB PAGE:



For complete information about the conference, for lodging options, and to register, please visit the HTMC-13 conference web site:

<http://neat.ucdavis.edu/HTMC-13>