

## Announcement from the American Chemical Society Division of Physical Chemistry

### Physical Chemistry Technical Program for the Fall 1999 National Meeting of the American Chemical Society

The 218th National Meeting of the American Chemical Society will be held in New Orleans, LA, August 22–26, 1999. Professor George Schatz, the Division of Physical Chemistry Program Chair for 1999, has arranged for a broad range of topics in modern physical chemistry to be featured in symposia at this meeting. The topical symposia and their organizers are as follows:

- *Chromophore Aggregates*, Shaul Mukamel (University of Rochester), Graham Fleming (University of California), and Daniel Chemla (Lawrence Berkeley Laboratories)
- *Imaging in Chemical Dynamics*, Arthur Suits (University of California, Berkeley) and Bob Continetti (University of California, San Diego)
- *Electronically Nonadiabatic Processes in Gaseous, Cluster, and Condensed Media*, Laurie Butler (University of Chicago) and Donald Truhlar (University of Minnesota)
- *Water and Water Clusters*, Mark Johnson (Yale University) and Richard Saykally (University of California)
- *Chemical Waves, Fronts, and Patterns*, John Pojman (University of Southern Mississippi), Irving Epstein (Brandeis University), and Vitaly Volpert (University Lyon I)
- *Modern Electronic Structure Theory: Celebrating the 1998 Nobel Prize in Chemistry*, Larry Curtiss (Argonne National Laboratory), cosponsored with COMP
- *Nonlinear Optical and Electronic Materials*, Shashi Karna (Air Force Research Laboratory), cosponsored with COMP
- *First Accomplishments of Environmental Management Science Program*, P. G. Eller (Los Alamos National Laboratory), cosponsored with NUCL, ENVR, ANYL, and I&EC

### New Abstract Submission Requirements for the American Chemical Society

OASys is a new method for submitting an abstract for American Chemical Society National Meetings. For online submission information, see <http://www.acs.org/meetings/abstract/abinfo.html>. All abstracts must be submitted using the new web-based system for the San Francisco meeting (Spring 2000) and beyond.

### Call for Papers—219th National Meeting of the American Chemical Society, San Francisco, California, March 26–31, 2000

*Program Chair.* Professor Daniel Neumark, Department of Chemistry, University of California—Berkeley, Berkeley, CA 94720. E-mail: dan@radon.cchem.berkeley.edu.

• *Physical Chemistry in the 21st Century.* In addition to the following areas of programming, this meeting will include a special symposium to mark the turn of the century. Please watch this section of *The Journal of Physical Chemistry* and American Chemical Society program information for more details.

- *Aperiodic Metals and Metallic Glasses: Surface Properties*, Pat Thiel (Iowa State University)
- *Patterning, Functionalization, and Reactivity of Complex Solid Surfaces*, Janice E. Reutt-Robey (University of Maryland) and Doug Doren (University of Delaware)
- *The Physical Chemistry of Chirality*, Janice M. Hicks (Georgetown University)
- *Potential Energy Surfaces: From Polyatomics to Macromolecules*, Liem X. Dang (Pacific Northwest National Laboratory) and William L. Hase (Wayne State University)
- *Physical Chemistry at High Pressure and Temperature*, A. Paul Alivisatos (University of California) and Raymond Jeanloz (University of California)
- *Atmospheric Chemistry (Harold Johnston Festschrift)*, Charles E. Miller (Haverford College)
- *Frontiers of Protein Structure and Function*, R. B. Gennis (University of Illinois), Martin Gruebele (University of Illinois), and Eric Oldfield (University of Illinois)

**National Meeting of the American Chemical Society,  
Washington, DC, August 20–25, 2000**

*Program Chair.* Professor Daniel Neumark, Department of Chemistry, University of California—Berkeley, Berkeley, CA 94720.  
E-mail: dan@radon.cchem.berkeley.edu.

- *Chemistry Under Extreme Conditions*, Robert Morris (AFRL/VSBP) and Dana Dlott (Illinois)
- *Very Low Temperature Spectroscopy and Dynamics*, William Stwalley (Connecticut) and Giacinto Scoles (Princeton)
- *Neutron Scattering*, Herbert Strauss (California, Berkeley) and Frans Trouw (Argonne)
- *Industrial Applications of Theoretical Chemistry*, Anne Chaka (Lubrizol) and Bill Schneider (Ford)
- *Frontiers in Biophysical Theory*, Ron Levy (Rutgers)
- *Proton Transport in Liquids, Solids, and Proteins*, Sharon Hammes-Schiffer (Notre Dame) and David Silverman (Florida)
- *Quantum Computing for the Next Millennium*, K. Birgitta Whaley (California, Berkeley) and Isaac Chuang, (IBM)
- *Dynamics in Liquids*, Michael Fayer (Stanford) and John Fourkas (Boston College)
- *Physical Chemistry of Nucleic Acids: In Memory of Matt Petersheim*, Richard D. Sheardy (Seton Hall)

**Pacificchem, Honolulu, Hawaii, December 14–19, 2000**

Contributed papers for The International Chemical Congress of Pacific Basin Societies, Pacificchem 2000, are welcome for most symposia in either oral or poster format. The anticipated deadline for submission of abstracts is April 1, 2000.

Further information can be obtained from the Congress Secretariat, pacificchem@acs.org, fax 202-872-6128, <http://www.acs.org/meetings/pacific/welcome.htm>. The following 23 symposia are planned in Physical and Theoretical Chemistry (Area 10):

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| • <i>Solvated Molecules and Ions: From Clusters to Condensed Phases</i>            | • <i>Materials Chemistry on Oxide and Carbide Surfaces</i>  |
| • <i>Recent Progress in the Science and Technology of Fullerenes and Nanotubes</i> | • <i>Fluids at Interfaces</i>   |
| • <i>Chemical Applications of Synchrotron Radiation</i>                            | • <i>Computational Quantum Chemistry: Theoretical and Experimental Perspectives</i>                             |
| • <i>Nonlinear Dynamics in Chemistry</i>   | • <i>Advances in Quantum Monte Carlo</i>  |
| • <i>Electrochemical Surface Science at Molecular/Atomic Resolution</i>            | • <i>Science and Technology of TiO<sub>2</sub> Photocatalysis</i>   |
| • <i>Solvation Structure and Reactivity in Supercritical Fluids</i>                | • <i>Structure and Dynamics of Photogenerated Intermediates in Solution: Vibrational and Electronic Studies</i> |
| • <i>Mathematical Characterization of Structure and Properties of Molecules</i>    | • <i>Nanomaterials: Synthesis, Characterization, and Catalysis</i>  |
| • <i>Ordered Molecular Films for Nano Electronics and Photonics</i>                | • <i>Surfactant Science and Technology</i>  |
| • <i>New Frontiers in Chemical Reaction Dynamics</i>                               | • <i>Physical Chemistry/Chemical Physics of Ion Channels</i>  |
| • <i>Laser Control and Manipulation of Molecules</i>                               | • <i>Structure, Dynamics, and Reactions of Small Clusters</i>   |
|  | • <i>Photon and Electron Induced Processes on Surfaces</i>  |
|  | • <i>Large Molecule Vibrational Dynamics</i>  |
|  | • <i>Metal–Metal and Metal–Ligand Interactions</i>  |

**National Meeting of the American Chemical Society,  
San Diego, California, April 1–6, 2001**

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We encourage all those interested in physical chemistry to join the American Chemical Society Division of Physical Chemistry. This is a professional organization devoted to promoting the field of physical chemistry and enhancing the careers and research activities of its members. Please visit the ACS Division of Physical Chemistry web site at

<http://hackberry.chem.trinity.edu/PHYS/>

At this site you can locate more information on participation in our Division and activities, submission of abstracts, contacts for the Division and a membership application. Please also watch *The Journal of Physical Chemistry* prior to each National Meeting of the American Chemical Society for updated information on the Division of Physical Chemistry activities and programming.