

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

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. Information on the division and how to become a member can be found on our web site: <http://hackberry.chem.trinity.edu/PHYS/>.

Advantages to becoming a member include the following:

- The Division maintains a close relationship with *The Journal of Physical Chemistry*. Through the Division programs, and through cooperation with *The Journal of Physical Chemistry*, we seek to call attention to the vigorous and dynamic character of physical chemistry in this country and to stimulate intellectual cross-fertilization between the different fields of research in physical chemistry.
- Members receive, in advance, abstracts of the papers to be delivered in the Division of Physical Chemistry programs at national meetings of the American Chemical Society.
- Members receive a newsletter with the abstracts of the National meetings listing future symposia and divisional meetings and giving the deadlines for submission of papers to be presented at these meetings.
- Members receive discounts on the purchase price of the complete bound books of meeting abstracts. Discounts for other books and journals are also available, and new arrangements are negotiated from time to time.
- The Division of Physical Chemistry is an affiliate of the American Institute of Physics, and members of the Division are eligible for a discount on various AIP publications including *The Journal of Chemical Physics*.
- The Division holds mixers at each national meeting of the American Chemical Society. These events are held in conjunction with a poster session and provide an excellent opportunity to meet other physical chemists.
- Members may vote and hold office in the Division and participate in its activities. Members and Affiliates are invited to suggest symposium topics, speakers, and organizers.
- The Division mounts important award symposia. The Debye, Hildebrand, and Theoretical Chemistry awards are given each year and the Langmuir Award every other year by the American Chemical Society. In addition, the Pure Chemistry and Nobel Laureate Signature awards are frequent features in Division symposia.
- The Division has two subdivisions, Theoretical Chemistry and Biophysical Chemistry, which provide special services and participate in developing symposium topics at the national meetings. There is no additional charge for membership in either of these subdivisions.

### Technical Program for the Spring 2000 National Meeting of the American Chemical Society

The 219th National Meeting of the American Chemical Society will take place in San Francisco, CA, during the week of March 26–30, 2000. Professor Daniel Neumark, 2000 Physical Chemistry Division Program Chair, has arranged for a broad range of topics in modern physical chemistry to be featured in symposia and a general poster session at this meeting. The topical symposia and their organizers are as follows:

- *Aperiodic Metals and Metallic Glasses: Surface Properties*, Pat Thiel (Iowa State University)
- *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)
- *Patterning, Functionalization, and Reactivity of Complex Solid Surfaces*, Janice E. Reutt-Robey (University of Maryland) and Doug Doren (University of Delaware)
- *Physical Chemistry at High Pressure and Temperature*, A. Paul Alivisatos (University of California-Berkeley) and Raymond Jeanloz (University of California-Berkeley)
- *Physical Chemistry in the 21st Century*, Daniel M. Neumark (University of California-Berkeley)
- *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)
- *Surface Chemistry Symposium in Honor of Professor Gabor Somorjai (co-sponsored with the Division of Colloid and Surface Chemistry)*, Francisco Zaera (University of California-Riverside) and Michel Van Hove (Lawrence Berkeley National Laboratory)
- *Award Symposium honoring Ad Bax*, Ernest R. Davidson, Harry L. Frisch, James F. Haw, S. Alex Kandel and Richard N. Zare, George A. Samara, Richard J. Saykally, Gabor A. Somorjai, and Peter G. Wolynes

### Call for Papers—Fall 2000 National Meeting of the American Chemical Society, Washington, DC, August 20–24, 2000

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

- *Chemistry Under Extreme Conditions*, Robert Morris (AFRL/VSBP) and Dana Dlott (University of Illinois)
- *Very Low-Temperature Spectroscopy and Dynamics*, William Stwalley (University of Connecticut) and Giacinto Scoles (Princeton University)
- *Neutron Scattering*, Herbert Strauss (University of California-Berkeley) and Frans Trouw (Argonne National Laboratory)
- *Industrial Applications of Theoretical Chemistry*, Anne Chaka (Lubrizol Corporation) and Bill Schneider (Ford Motor Company)
- *Frontiers in Biophysical Theory*, Ron Levy (Rutgers University)

- *Proton Transport in Liquids, Solids and Proteins*, Sharon Hammes-Schiffer (University of Notre Dame) and David Silverman (University of Florida)
- *Quantum Computing for the Next Millennium*, K. Birgitta Whaley (University of California-Berkeley) and Isaac Chuang (IBM Almaden Research Center)
- *Dynamics in Liquids*, Michael Fayer (Stanford University) and John Fourkas (Boston College)
- *Physical Chemistry of Nucleic Acids: In Memory of Matt Petersheim*, Richard D. Sheardy (Seton Hall University)

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

**Online abstract submission deadline for this meeting is April 15, 2000.** Log on to OASys at <http://www.acs.org/meetings>. Paper abstracts are strongly discouraged but may be submitted on the American Chemical Society Abstract Form to the symposium organizers before April 1, 2000.

### **Theoretical Chemistry Web Site for Students: <http://www.hec.utah.edu/TheoryPage>**

Theoretical chemistry lies at the interfaces among chemistry, physics, mathematics, and computational science and has been greatly affected by the ongoing explosive growth in computer technology. It is an exciting and ever-more-important area of modern chemistry education and research. This web site offers an overview of the roles that theory plays within chemistry education and research, illustrates the wide impact that theory has within chemistry, introduces the reader to theoretical chemistry's modern day components, and provides guidance to students who may be interested in pursuing a career in chemistry. The level of presentation used ranges from what motivated high school students can follow through that appropriate to a chemistry faculty member active in research.

Throughout the site, hundreds of references are provided that include widely used text books as well as literature articles and world wide web contacts for many practicing theoretical chemists. A multitude of web links provide educational information from which students can gain further detail as well as links to additional exciting science material.

### **Future National Meetings of the American Chemical Society**

**Pacificchem International Congress, Honolulu, HI, December 14–19, 2000.** Contributed papers are welcome for most symposia in either oral or poster format. The deadline for submission of abstracts is April 1, 2000. Further information can be obtained from the Congress Secretariat, c/o American Chemical Society, 1155 16th St. N.W., Washington, DC, 20036, or <http://www.acs.org/meetings/pacific2000/>.

**San Diego, CA, April 1–5, 2001.** *Program Chair.* Professor Richard Strat, Department of Chemistry, Brown University, 324 Brooke Street, Providence, RI 02912. E-mail: [richard\\_stratt@brown.edu](mailto:richard_stratt@brown.edu).

**Chicago, IL, August 26–30, 2001.** *Program Chair.* Professor Richard Strat, Department of Chemistry, Brown University, 324 Brooke Street, Providence, RI 02912. E-mail: [richard\\_stratt@brown.edu](mailto:richard_stratt@brown.edu).