

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 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 Fall 2000 Meeting of the American Chemical Society

The 220th National Meeting of the American Chemical Society will take place in Washington, DC, during the week of August 20–24, 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:

- *Chemistry Under Extreme Conditions*, Robert Morris (AFRL/VSBP) and Dana Dlott (University of Illinois)
- *Very Low Temperature Dynamics and Spectroscopy*, William Stwalley (University of Connecticut) and Giacinto Scoles (Princeton University)
- *Chemical Applications of Neutrons*, 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) and Richard A. Friesner (Columbia 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)
- *Femtochemistry: 1999 Nobel Prize Symposium*, Marcos Dantus (Michigan State University)

Call for Papers—Spring 2001 National Meeting of the American Chemical Society, San Diego, CA, April 1–5, 2001

Program Chair. Professor Richard Stratt, Department of Chemistry, Brown University, 324 Brook Street, Providence, RI 02912. E-mail: richard_stratt@brown.edu.

- *Probing Molecular Aqueous Environments in Chemistry and Biology*, Teresa Head-Gordon (Lawrence Berkeley National Laboratories, TLHead-Gordon@lbl.gov) and Lawrence R. Pratt (Los Alamos National Laboratories, lrp@lanl.gov)
- *Strong-Field Chemistry: Molecules and Clusters in Intense Laser Fields*, Robert Levis (Wayne State University, rjl@chem.wayne.edu) and A. Welford Castleman (Pennsylvania State University, awc@psu.edu)
- *Chemical Approaches to Photonic Crystals*, David J. Norris (NEC Research Institute, dnorris@research.nj.nec.com) and Vicki Colvin (Rice University, colvin@ruf.rice.edu)
- *Accurate Description of Low-Lying Molecular States and Potential Energy Surfaces*, Kenneth G. Dyall (Eloret Corporation, Thermosciences Institute, kgdyall@mciworld.com) and Mark Hoffmann (University of North Dakota, Mark.Hoffmann@mail.chem.und.nodak.edu)

- *Molecular Photoelectron Spectroscopy*, Peter M. Weber (Brown University, Peter_Weber@brown.edu) and Stephen T. Pratt (Argonne National Laboratory, spratt@anl.gov)
- *Optical Studies of Single Molecules and Molecular Assemblies in Chemical Physics and Biophysics*, Anne Myers Kelley (Kansas State University, amkelley@ksu.edu) and Shimon Weiss (Lawrence Berkeley National Laboratory, sweiss@lbl.gov)
- *Energy Landscapes of Proteins, Glasses, and Clusters: Dynamics, Folding, Function and Prediction*, Jose Onuchic (University of California at San Diego, jonuchic@ucsd.edu), Charles L. Brooks, III (The Scripps Research Institute, brooks@scripps.edu), and David Wales (Cambridge University, wales@clust.ch.cam.ac.uk)

Abstract Submission Requirements for the American Chemical Society

Online abstract submission deadline for this meeting is November 1, 2000. Log on to OASys at <http://www.acs.org/meetings>. **ONLY** electronic abstracts via the ACS online submittal system OASys, will be accepted, except by special arrangement with the ACS symposium organizers before October 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. 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/>.

Chicago, IL, August 26–30, 2001. *Program Chair.* Professor Richard Stratt, Department of Chemistry, Brown University, 324 Brook Street, Providence, RI 02912. E-mail: richard_stratt@brown.edu.

Orlando, FL, April 7–11, 2002. *Program Chair.* Professor John Hemminger, Department of Chemistry, University of California, Irvine, CA 92697. Phone: (949) 824-6018. Fax: (949) 824-8571. E-mail: jchemmin@uci.edu.

Boston, MA, September 8–12, 2002. *Program Chair.* Professor John Hemminger, Department of Chemistry, University of California, Irvine, CA 92697. Phone: (949) 824-6018. Fax: (949) 824-8571. E-mail: jchemmin@uci.edu.