

A Message from the Chair, Roger Miller

I would like to begin by personally thanking and congratulating Hai-Lung Dai, the new Vice-Chair, Nancy Levinger, the new Member-at-Large, and Bruce Garrett, who will continue to serve as Secretary/Treasurer. The future of the Division of Chemical Physics is clearly in good hands with such talented and dedicated people willing to serve our community. We are also pleased to announce the list of new fellows for 2004 (see below) and congratulate them for their achievements. Our continued success in having our members elected as fellows is a positive reflection of the life and vitality of the field of Chemical Physics.

It is not too late to make plans for the March meeting in Montreal. As you can see below, the DCP has another great line-up of sessions for this year and the meeting promises to be a very exciting one. The bonus is being able to spend some time in Montreal. As the March meeting approaches, my duties as chair of the DCP come to an end and it is with enthusiasm that I turn them over to Emily Carter's capable hands. SEE YOU ALL IN MONTREAL!

March APS Meeting, Montreal, Canada, March 22-26, 2004

Information about the March 2004 meeting is available at (<http://www.aps.org/meet/MAR04/>). Emily Carter is the DCP program chair and is responsible for coordinating all the special focus topics and contributed sessions at the meeting. There are 5 special focus topics sponsored by the DCP scheduled for the March Meeting:

- Structure and Dynamics of Supercooled Liquids and Glasses, a symposium to honor the memory of Daniel Kivelson, organized by Gilles Tarjus & Steven Kivelson
- Multiscale Phenomena for Fluids and Solids organized by William Curtin & Juan J. de Pablo
- Nanoparticle-Enhanced Spectroscopies organized by Peter Nordlander & Thomas Huser
- Physics and Chemistry of the Atmosphere organized by G. Barney Ellison & Veronica Vaida
- Dynamics at Gas-Solid and Gas-Liquid Interfaces organized by Gilbert Nathanson & Bret Jackson

Additional information about the DCP Special Focus Topics for the March 2004 meeting is available on the DCP web site at <http://www.aps.org/units/dcp/dcpsymposiuminfo.html>. Programs for the DCP sessions will be posted on the DCP web site a couple of weeks before the meeting. The last day for pre-registration for the meeting is February 20. Onsite registration begins at 3 PM on Sunday, March 21.

The annual DCP business meeting is scheduled for Tuesday, March 23, 2004 at 5:30 PM and is open to all DCP members. The business meeting will include short reports of DCP activities, presentation of Certificates of Fellowship to new APS Fellows who are DCP members, introduction of student travel fellowship awardees, and an invitation to suggest special focus session topics for the 2005 meeting to the 2005 program chair, Mark Ratner.

Important Dates

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| • Pre-registration deadline for March Meeting | February 20, 2004 |
| • Deadline for APS Fellowship Nominations: | February 14, 2004 |
| • DCP annual business meeting | March 23, 2004 |
| • Nominations for APS prizes administered by DCP | July 1-2, 2004 |

Graduate Student Travel Awards

Congratulations to this year's winners of Graduate Student Travel Awards: Kristy DeWitt (U Virginia), Ke Dong (U Illinois), Samuel Glass (U Wisconsin), Aditi Mallik (U Florida), Hayn Park (Columbia U), Shai Ronen (Tel Aviv U), Ralph Scheicher (SUNY, Albany), Leah Shackman (U Texas, Austin), Brian Thorndyke (U Florida).

Congratulations to APS Prize Winners

The Division of Chemical Physics extends its congratulations to **Richard P. Van Duyne** of Northwestern University, who was recently awarded the Earle K. Plyler Prize for Molecular Spectroscopy from the American Physical Society "for his trail blazing contributions in the fields of Surface Enhanced Raman Scattering and Nanoparticle Optics."

We also extend our congratulations to **Mark A. Ratner**, who was recently awarded the Irving Langmuir Prize in Chemical Physics from the American Chemical Society. The Division of Chemical Physics of the American Physical Society makes the selection and presentation in odd-numbered years.

DCP Awards Nominations

Nominations for the three awards administered by the Division of Chemical Physics – the Herbert P. Broida Prize, the Irving Langmuir Prize in Chemical Physics, and the Earle K. Plyler Prize for Molecular Spectroscopy – are due in early July 2004. Instructions for submitting a nomination are included on the APS web site at <http://www.aps.org/praw/>.

Congratulations to APS Fellows for 2004

The Division of Chemical Physics extends its congratulations to the following individuals who were nominated by the Division of Chemical Physics and elected to Fellowship in the American Physical Society. Only 1/2 of 1% of the total APS membership is selected for Fellowship in the Society each year.

Jean H. Futrell, Pacific Northwest National Laboratory

For pioneering contributions to the understanding of dynamics and mechanisms of charge exchange, proton-transfer, condensation and dissociation ion-molecule reactions at low and intermediate collision energy.

James L. Gole, Georgia Institute of Technology

For pioneering studies of dynamics and ultrafast energy transfer in highly exothermic metal/metal cluster oxidation reactions, the development of Visible Chemical Laser Amplifiers, and the characterization of Chemically Induced Raman Pumping.

Ron Naaman, Weizmann Institute

For exploration of reaction mechanisms in van der Waals clusters, development of Coulomb Explosion Imaging, and development of low-energy photoelectron spectroscopic methods to establish the electronic properties of organized organic thin films.

Norbert F. Scherer, University of Chicago

For his seminal contributions to the techniques of ultrafast spectroscopy and their application to fundamental problems in condensed phase dynamics.

David Winston Schwenke, NASA Ames Research Center

For the pioneering development of accurate descriptions of nuclear motion in collision dynamics and molecular spectroscopy, and for the calculations of accurate spectroscopic data and reaction rates.

John Douglas Simon, Duke University

For pioneering work in the study of dynamical processes in solution and biological systems.

Lai-Sheng Wang, Washington State University

For his outstanding and innovative contributions to the study of atomic clusters and his pioneering work on multiply charged anions.

Robert Oliver Watts, BHP Billiton Limited, Australia

For definitive theoretical and experimental work on the structure of liquids, clusters, and molecular complexes, and for outstanding management of research and development for the global resource industry.

John Curtis Wright, University of Wisconsin

For fundamental contributions to the development, understanding, and applications of multiresonant four wave mixing methods for electronic and vibrational molecular condensed phase spectroscopy.

Weitao Yang, Duke University

For his pioneering contributions to the development of linear-scaling methods for electronic structure calculations and for his fundamental contributions to density functional theory.

Fellowship Nominations

The deadline for nominations for APS Fellowship is February 13, 2004. Instructions for submitting a nomination are included on the APS web site (<http://www.aps.org/fellowship/fellinfo.html>).

Election of New DCP Officers

Congratulations to Hai-Lung Dai, who will assume the role of Vice-Chair, Nancy Levinger, who becomes the new Member-at-Large, and Bruce Garrett, who continues as Secretary/Treasurer. The terms of the new positions begin at the conclusion of the March 2004 Meeting.

DCP Membership

Membership in the American Physical Society's Division of Chemical Physics allows you to support a primary forum for chemical physics research. The status and influence of the DCP within the APS is dependent on the number of DCP members. Increasing DCP membership is crucial to preserving this important professional asset. If you are not a DCP member, we encourage you to join on the web (<http://www.aps.org/memb/unitapp.html>) or by phone (301-209-3280).

Meetings of Possible Interest to DCP Members

ACS PRF Summer School: Time-Dependent Density-Functional Theory and the Dynamics of Complex Systems

June 5-10, 2004

Santa Fe, New Mexico

Organizers: Carsten A. Ullrich, Kieron Burke, and Giovanni Vignale

Email: ullrichc@umr.edu; kieron@dft.rutgers.edu; vignaleg@missouri.edu

Web site: <http://campus.umn.edu/tddft/tddft.htm>

Gordon Research Conference on Atomic & Molecular Interactions

July 11-16, 2004

Colby-Sawyer College, New Hampshire

Organizers: Paul Dagdigian and David Yarkony

Email: pjdagdigian@jhu.edu; yarkony@jhuvms.hcf.jhu.edu

Web site: <http://www.grc.uri.edu/programs/2004/atomic.htm>

Gordon Research Conference on Water & Aqueous Solutions

August 1-6, 2004

Holderness School, New Hampshire

Organizers: Rich Saykally and Alfons Geiger

Email: saykally@uclink4.berkeley.edu; geiger@heineken.chemie.uni-dortmund.de

Web site: <http://www.grc.uri.edu/programs/2004/water.htm>

Electron Donor Acceptor Interactions

August 8-13, 2004

Salve Regina University, Newport, RI

Organizers: Guilford Jones and Mark A. Ratner (chairs); Clifford P. Kubiak and Matthew B. Zimmt (vice chairs)

Email: jones@chem.bu.edu; ratner@chem.nwu.edu; kubiak@cheecs2.ucsd.edu; matthew_zimmt@brown.edu

Web site: <http://www.grc.uri.edu/programs/2004/elecdon.htm>

Gordon Research Conference on Molecular & Ionic Clusters

September 5-10, 2004

Centre Paul Langevin, Aussois, France

Organizers: Klaus Muller-Dethlefs and Timothy S. Zwier (chairs); Michael A. Duncan and Sotiris S. Xantheas (vice chairs)

Email: kmd6@york.ac.uk; zwier@purdue.edu; maduncan@uga.edu; sotiris.xantheas@pnl.gov

Web site: <http://www.grc.uri.edu/programs/2004/molionic.htm>

If you would like to have information about any meetings included in a future DCP Newsletter and/or on the DCP web site, send the information to Bruce Garrett (bruce.garrett@pnl.gov).