

DMP NEWSLETTER

Division of Materials Physics

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Spring 2001

Message from the Chair

Sitting down to write this message I am still feeling the after-glow of our March Meeting. This, in spite of the time conflicts, the feeling I should be at three sessions at once, and the lack of time to speak to everyone on my list. I return to work, as always, inspired and invigorated. Where else can you find over 5000 fellow scientists focused on materials/condensed matter, with just about every “hot” subject represented, and with a world class collection of experts in the halls, at the restaurants and at the meetings?

The Division of Materials Physics plays a large role in the meeting and setting the ambiance for the week. This year we organized sixteen “Focused Topics”, co-sponsored six major scientific symposia and joined in supporting the Wednesday evening session on “Nanotechnology: The National Initiative”. Our “Focused Topics” are particularly significant. The DMP leads the way in interdisciplinary science and extends the physics community with expertise from the other materials sciences. In this way we uniquely enhance the meeting and its value to the entire membership.

In a further attempt to improve our “Focused Topic” process, we are exploring ways to involve more of the DMP members, earlier in the sequence. This year we will experiment with a broadly circulated method of invited speaker suggestions for the “Focused Topics”. The organizers will then have a greater choice in speaker selection and thus a still better chance to highlight the very best in their areas.

A meeting highlight was the DMP/DCMP Awards reception. It was a chance to honor the recipients of the James C. McGroddy Prize to Arthur Gossard (UCSB), the David Adler Award to Ellen Williams (Maryland) and our new Fellows. Congratulations to all!

In addition to organizing the best scientific meeting possible, the DMP is focused on other major activities this year. Federal funding is of constant concern. Through APS leadership, the entire physics community has sought to be a more vocal voice for science in Washington. At the March Meeting, DMP helped initiate the “Letter to Congress” campaign. Over nine hundred letters were generated, providing

still more APS visibility to this important issue that impacts all of us. Congressional Visits Day, May 1 and 2, is a chance for direct one-on-one visits to Congress and is always well attended by the DMP. My first participation last year was a unique experience and worth the time and effort. We, the scientific community, are the best ones to make the case for future funding, for the good of the country and science. Your Senators and Members of Congress need to understand that increased investment in science is essential for the technological well being of the country.

I look forward to serving as Chair of the DMP for this year and welcome your suggestions, participation and active involvement in our programs. Please send me your suggestions for focused topics by June 1.

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- Call for Nominations for Adler Lectureship Award
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Deadlines:

Annual call for DMP Focused Topics
June 1 (to L.C. Felman)

David Adler Lectureship Award Nominations
July 2

James C. McGroddy Prize for New Materials Nominations
July 2

Call for Nominations

James C. McGroddy Prize for New Materials

This prize was previously called the International Prize for New Materials (from 1975-1994). Its purpose is to honor and encourage outstanding achievement in the science and application of new materials. This includes the discovery of new classes of materials, the observation of novel phenomena in known materials leading to both fundamentally new applications and scientific insights, and also includes theoretical and experimental work contributing significantly to the understanding of such phenomena. Previous award winners are listed on the APS prize web site. The prize consists of \$5,000 and an allowance for travel to the meeting of the Society at which the award is presented, plus a certificate citing the contribution of the recipient. The prize is open to scientists of all nationalities irrespective of where their work has been carried out. Nominations are active for 3 years. The deadline for submission of nominations for the 2002 Prize is: JULY 2, 2001. Nominations should be sent to the Chair of the 2002 Selection Committee: Paul S. Peercy, 2610 Engineering Hall; Univ. of Wisconsin; 1415 Engineering Drive; Madison, WI 53706-1691. Details on how to make a nomination are available on the DMP web page. Previous winners are listed below by year:

2001: Art Gossard
2000: M. Brian Maple
1999: Thomas R. Anthony & Eugene E. Haller

administered as “INTERNATIONAL PRIZE FOR NEW MATERIALS”

1994: Peter Grunberg, Albert Fert, Stuart Parkin	1984: J. P. Remeika
1993: Gordon C. Osbourn	1983: David Turnbull
1992: Robert E. Curl, Harold W. Kroto, & Richard E. Smalley	1982: John R. Arthur, Jr., & Alfred Y. Cho
1991: Francis J. DiSalvo, Jr., & Frederic Holtzberg	1981: LeGrand G. Van Uiter
1990: James L. Smith, Hans R. Ott, Frank Steglich, & Zachary Fisk	1980: Pol E. Duwez, & William Klement, Jr.
1989: J. B. MacChesney, R. D. Maurer, & K. C. Kao	1979: J. Eugene Kunzler, Bernd T. Matthias, & J. H. Hulm
1988: J. Georg Bednorz	1978: J. H. Sinfelt
1987: Dan Schechtman	1977: Francis Bundy, H. Tracy Hall, Herbert Strong, & Robert H. Wentoff, Jr
1986: John Croat, Jan Herbst, Norman C. Koon, & Masato Sagawa John K. Hulm	1976: William G. Pfann & Henry C. Theurer
1985: Leroy L. Chang, Leo Esaki, & Raphael Tsu	1975: Heinrich Welker

Adler Lectureship Award

DMP administers the APS David Adler Lectureship Award, given annually to an outstanding contributor to the field of materials physics who is noted for his or her research, review articles, and lecturing. This lectureship was endowed in 1988 by contributions from friends of David Adler, in honor of his distinction both in research and in his ability to communicate the results of this research. The Lectureship consists of a \$1,000 honorarium and a certificate citing the contribution made by the recipient. The award will be made at the March APS meeting where the lecturer will present an invited talk before the appropriate focused session of the Division of Materials Physics. Adler Award nominations should be sent Leonard Feldman, address below, no later than JULY 2, 2002. Details on how to make a nomination are available on the DMP homepage. Previous winners are listed below by year:

2001: Ellen Williams	1993: Simon C. Moss
2000: Bertram Batlogg	1992: Robert A. Street
1999: Leonard C. Feldman	1991: John R. Smith
1998: Joe Greene	1990: Michael Schluter
1997: John D. Joannopoulos	1989: Robert W. Balluffi
1996: M. Brian Maple	1988: Jan Tauc
1995: Marc A. Kastner	
1994: Max Lagally	

Division of Materials Physics 2001-2002 Executive Committee

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