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Look at the DPP Homepage
<http://w3fusion.ph.utexas.edu/aps>

with features such as

Recent Ph.D. Theses Related to Plasma
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Note from the Chair

In recent years, in addition to preserving the traditional function of the Division as a forum for scientific discussion, the DPP has pursued an increasingly wider role under the guidance of a succession of committed Chairs: by embracing a greater diversity of plasma research within the Division, by communicating the exciting developments in our field to the public, and by having its voice heard in the debate on the public policy that most directly affects our field—the allocation of scarce resources.

In so doing, each Chair has undertaken for the Division a larger responsibility for the health of plasma physics as a scientific discipline and as a scientific profession. I was fortunate to have observed the efforts of the two Chairs immediately preceding me, Stewart Prager and Richard Hazeltine. The Division is greatly in debt to them for their particularly skillful and energetic services. In pursuing a wider agenda on behalf of the Division, they incidentally addressed the tutelage of future Chairs, and I hope to have learned by now how to continue their efforts.

Our Division benefits immeasurably from the broad and active participation of its members. I look forward to your continued help in meeting the many challenges for plasma physicists that are met best when we work together as a Division.

Sincerely,
Nat Fisch

**Call for Nominations for 1998 APS Fellowship
Deadline: Wednesday, 1 April 1998**

Each year the Division of Plasma Physics (DPP) is allowed to submit nominations of about 1/2% of its membership, approximately 12 members, to Fellowship in the American Physical Society (APS). Fellowship status for members of the DPP is indicated by an asterisk next to the member's name in the current APS Membership Directory. A Fellowship nomination form is enclosed, or can be downloaded from http://aps.org/fellowship/nomination_form.html. The original nomination package should be sent to the Associate Executive Officer, Fellowship Program at APS (see address below), along with a cover letter stating that a copy has also been sent to James Drake, DPP Vice-Chair (see address below):

Original:

Executive Officer (Fellowship Program)
American Physical Society
One Physics Ellipse
College Park, MD 20740-3844
301-209-3268

Copy:

James Drake, DPP Vice-Chair
University of Maryland
Institute for Plasma Research
College Park, MD 20742
301-405-1471

Deadline for receipt of nomination packages is: Wednesday, 1 April 1998.

The nomination package should consist of 20 single-sided pages or less containing:

- (1) a completed nomination form
- (2) supporting statements or letters from two sponsors (it is recommended that the sponsors be Fellows)
- (3) a citation limited to 30 words
- (4) a list of the nominee's refereed publications, include four most notable (This may be in compressed, but readable, form.)

It is suggested that one of the sponsors not be from the nominee's institution. The sponsors should solicit and include up to two additional supporting letters. Optional material, such as curriculum vita, may be appended as long as the 20 single-sided pages limit is not exceeded. Note that these instructions differ somewhat from those printed in the standard APS form. A list of DPP members holding Fellowship rank is on the APS home page at <http://aps.org>.

The principal criterion for fellowship is outstanding scientific or technical contributions, evidenced by the quality and impact of the contributions. Special services to science or the APS, contributions to scientific leadership or teaching, and recognition as an authority in some branch of plasma physics will be given serious consideration. Election to Fellowship requires membership in the APS and, typically, at least six years of experience beyond the Ph.D. The nominations are evaluated by the DPP Fellowship Committee and its recommendations are considered in succession by the DPP Executive Committee, the APS Fellowship Committee, and the APS Council. A nominee for Fellowship who has not been approved after review by two consecutive Fellowship Committees shall be dropped from the list of nominees. The sponsors of the nominated member shall be notified by the APS Executive Officer (Judy Franz) that the member will not be elected to Fellowship based on that nomination, but that the name of the Member may be resubmitted at a later time for nomination to Fellowship. A Fellowship certificate for the newly selected fellow, bearing the citation, will be awarded at the banquet of the DPP Annual Meeting.

1998 Fellowship Committee

James Drake, <i>Chair</i>	U. of Maryland	301-405-1471
Bruce Cohen	LLNL	510-422-9823
Paul Drake	U. of Michigan	313-747-3660
Daniel Dubin	UC, San Diego	619-534-4174
David Hammer	Cornell	607-255-3916
Joseph Huba	NRL	202-767-6863
Thomas Jarboe	U. of Washington	505-667-2285
Mark Kushner	U. of Illinois	217-244-5137
Michael Zarnstorff	PPPL	609-243-3581

A Fellowship Nomination form is available on the APS home page at http://aps.org/fellowship/nomination_form.html.

Call for Nominations for Prize and Awards

The DPP solicits nominations for one prize, two awards and one medal annually. The deadline for receipt of these nominations is **Wednesday, 1 April 1998**. Please take the time to nominate deserving colleagues.

Any APS member other than a member of the committee making the selection may submit one nomination or seconding letter for the prize and for each award in any given year. A nomination should include:

- (1) a letter of not more than 1,000 words evaluating the nominee's qualifications, designating the particular features of the prize or award and identifying the specific work to be recognized,
- (2) a biographical sketch,
- (3) a current list of recent publications,
- (4) two or three seconding letters and up to five reprints or preprints.

The nomination must be mailed to the Chair of the appropriate DPP committee by **Wednesday, 1 April 1998**. Descriptions of the prizes and awards are as follows:

Note to APS-wide Nicholson Medal nominators: Supporting information for the Nicholson Medal should be developed by a primary nominator who would gather at least three letters of recommendation and a current curriculum vita of the nominee. Additional supporting letters are helpful.

James Clerk Maxwell Prize for Plasma Physics

Donated by Maxwell Technologies Incorporated.

Purpose:

To recognize outstanding contributions to the field of plasma physics.

Nature:

The prize consists of \$5,000 and a certificate citing the contributions made by the recipient. A travel allowance is provided to attend the annual meeting at which the prize is to be presented. The award ceremony is held during the banquet for the Division of Plasma Physics.

Establishment and Support:

This annual prize was established in 1975 by Maxwell Technologies Incorporated, San Diego, California.

Rules and Eligibility:

The prize is for outstanding contributions to the advancement and diffusion of the knowledge of properties of highly ionized gases of natural or laboratory origin. This prize is ordinarily awarded to one person, but a prize may be shared among recipients when all recipients have contributed to the same accomplishment. Nominations remain active for three years.

Maxwell Prize Chair:

Robert Goldston
Princeton Plasma Physics Laboratory
Route 1 North, James Forrestal Campus
Princeton, NJ 08543
Tel: 609-243-3553
Fax: 609-243-2749
Email: rgoldston@pppl.gov

Deadline:

Wednesday, 1 April 1998

Committee:

Robert Goldston, <i>Chair</i>	
PPPL	609-243-3553
Philip Morrison, <i>Vice-Chair</i>	
U. of Texas	512-471-1527
Martin Goldman	
U. of Colorado	303-492-8896
Charles Kennel (1997 recipient)	
UCLA	310-825-2052
Michael Key	

LLNL

510-424-2175

Bruce Remington, *Chair*

LLNL

510-423-2712

Charles Karney, *Vice-Chair*

PPPL

609-243-2607

Fred Driscoll

UCSD

619-534-2489

David Hammer

Cornell

607-255-3916

Fred Levington (1997 recipient)

UCLA

310-825-7279

Call for Nominations, *cont'd.***Award for Excellence in Plasma Physics Research**

Sponsored by Friends of the Division of Plasma Physics.

Purpose:

To recognize a particular recent outstanding achievement in plasma physics research.

Nature:

The award consists of \$5,000, to be divided equally in the case of multiple winners. Each recipient will receive a certificate to be presented during the award ceremony at the banquet for the Division of Plasma Physics Annual Meeting.

Establishment and Support:

This award was established in 1981 with support from the Friends of the Division of Plasma Physics and is to be awarded annually if the Award Committee identifies a worthy candidate or candidates.

Rules and Eligibility:

Nominations are open to scientists of all nationalities, regardless of the geographical site at which the work was done. The award shall ordinarily be presented to an individual scientist but may be bestowed on a set of scientists, as appropriate, to honor those who make essential contributions to the cited research achievement. Nominations of candidates remain active for three years.

Excellence Award Chair:

Bruce Remington
Lawrence Livermore National Laboratory
7000 East Avenue (L-473)
Livermore, CA 94550
Tel: 510-423-2712
Fax: 510-422-8395
Email: remington2@llnl.gov

Deadline:**Wednesday, 1 April 1998*****Committee:*****Award for Outstanding Doc-toral Thesis in Plasma Physics**

Sponsored by General Atomics, Incorporated and the Division of Plasma Physics.

Purpose:

To provide recognition to exceptional young scientists who have performed original doctoral thesis work of outstanding scientific quality and achievement in the area of plasma physics.

Nature:

The award consists of \$2,000, a certificate, and an allowance for travel of up to \$500 to attend the annual meeting of the Division of Plasma Physics at which the award will be bestowed.

Establishment and Support:

This award was established in 1985 (originally as the Simon Ramo Award) and beginning with 1997 is sponsored by General Atomics Incorporated under its present name.

Rules and Eligibility:

Nominations will be accepted for any doctoral student (present or past) of a college or university in the United States or for a United States' student studying abroad. The work to be considered must have been performed as part of the requirements for a doctoral degree. Also, the nominee must not have passed his or her final doctoral examination or started regular employment more than 18 months before the nomination deadline for the selection cycle in which the nomination is to be considered. Each nominee will be considered in not more than two consecutive cycles.

Doctoral Thesis Chair:

Ronald Gilgenbach
University of Michigan
Department of Nuclear Engineering
2355 Bonisteel Boulevard
Ann Arbor, MI 48109
Tel: 313-763-1261, Fax: 313-763-4540

Email: rongilg@engin.umich.edu

Deadline:
Wednesday, 1 April 1998

Committee:

Ronald Gilgenbach, <i>Chair</i>	
U. of Michigan	313-763-1261
Amitava Bhattacharjee, <i>Vice-Chair</i>	
U. of Iowa	319-335-1686
Adil Hassam	
U. of Maryland	301-405-1417
Thomas O'Neil	
UCSD	619-534-4176
Miklos Porkolab	
MIT	617-253-8448

Call for Nominations, *cont'd.*

Nicholson Medal for Humanitarian Service

Sponsored by friends of Dwight Nicholson.

Purpose:

To recognize the humanitarian aspect of physics and physicists.

Nature:

The Nicholson Award consists of a medal and a certificate which includes the citation for which the recipient has been recognized. It is presented annually.

Establishment and Support:

This medal award was established in 1994 by the Division of Plasma Physics and the Forum on Physics and Society.

Rules and Eligibility:

The medal is given to a physicist exhibiting extraordinary quality in one of the following areas:

1. A physicist who, through teaching, research, or science-related activities, has implemented a vision for the improvement of the quality of life in our society.
2. A physicist who has demonstrated a particularly giving and caring relationship with students or colleagues, has produced works of educational significance, or has created special opportunities for students or junior colleagues.

3. A physicist who has been a leader in the promotion of international human rights or peace, or in the promotion of international ties in science.

Nicholson Medal Chair:

Arnold Kritz
Lehigh University
16 Memorial Drive East
Bethlehem, PA 18015
Tel: 610-758-3930
Fax: 610-758-5730
Email: kritz@plasma.physics.lehigh.edu

Deadline:
Wednesday, 1 April 1998

Committee:

Arnold Kritz, <i>Chair</i>	
Lehigh University	610-758-3930
Wallace Manheimer, <i>Vice-Chair</i>	
NRL	202-767-3128
Bernard Cooper	
West Virginia University	304-293-5732
Henry Kendall (1997 recipient)	
MIT	617-253-7584
Ravindra Sudan	
Cornell	607-255-4127

Note: Supporting information for the Nicholson Medal should be developed by a primary nominator who would gather at least three letters of recommendation and a current curriculum vita of the nominee. Additional supporting letters are helpful.

Important dates ...

Fellowship Nomination
Wednesday, 1 April 1998
Prize / Awards Nominations
Wednesday, 1 April 1998
1998 Executive Comm Nominations
Wednesday, 1 April 1998
Invited / Review Papers
Wednesday, 3 June 1998
Contributed Abstracts
Wednesday, 22 July 1998

Nominations for Officers of the Division of Plasma Physics

Nominations are being requested for 1998 Officers of the DPP: Vice-Chair, Secretary/Treasurer, Councillor, and three Executive Committee members. Following the rules set forth in our Bylaws, candidates must be members of the DPP for at least two years prior to nomination. A slate of candidates will be selected by the Nominations Committee, chaired by Ronald Davidson, and paper ballots will be mailed to the DPP membership during the summer. Electronic ballots will also be accepted via the DPP Homepage.

Members nominated by at least 1% of the DPP (about 25 members) will automatically be placed on the ballot. The Vice-Chair will be the Chair of the Fellowship Committee; the following year he/she will succeed to the Chair-Elect of the DPP and will be the Chair of the Program Committee; and then the year after that he/she will assume the Chair of the DPP. The Secretary/Treasurer will serve a three year term beginning November 1998. The Councillor will serve a four year term beginning January 1999. Please mail or email nominations to the address below. Your return email address is your official DPP member signature.

Ronald Davidson
Princeton Plasma Physics Laboratory
Princeton University
PO Box 451
Princeton, NJ 08543-0451
Phone: 609-243-3552
Fax: 609-243-2418
Email: rdavidson@pppl.gov

Deadline for receipt of nominations:

Wednesday, 1 April 1998

APS—Division of Plasma Physics Committees

The business of the Division of Plasma Physics is conducted by a large number of members willing to serve on the committees listed on the following pages. The DPP is indebted to each of these members for his or her time and interest. Please feel free to contact any member of the Executive Committee on general APS-DPP matters or the Chair of any appointed committee on issues within its purview. We look forward to working with you to promote the business of the DPP during the coming year.

Nathaniel Fisch, 1998 Chair
Division of Plasma Physics, APS

1998 Executive Committee

Chair:

Nathaniel Fisch PPPL 609-243-2643 fisch@princeton.edu

Chair-Elect:

Miklos Porkolab MIT 617-253-8448 porkolab@psfc.mit.edu

Vice-Chair:

James Drake U. of Maryland 301-405-xxxx drake@glue.umd.edu

Past Chair:

Richard Hazeltine U. of Texas 512-471-1322 rdh@peaches.ph.utexas.edu

Secretary-Treasurer:

Mary Ann Sweeney SNL 505-845-7307 masween@sandia.gov

Divisional Councillors:

Roy Gould Caltech 818-395-4811 rwgould@cco.caltech.edu

William Kruer LLNL 510-422-5437 kruer@icf.llnl.gov

Members:

Donald Batchelor ORNL 423-574-1288 batchelor@fed.ornl.gov

Samuel Cohen PPPL 609-243-3185 scohen@pppl.gov

Fred Driscoll UCSD 619-534-2489 fdriscoll@ucsd.edu

John Finn LANL 505-667-8156 finn@lanl.gov

Walter Gekelman UCLA 310-206-1772 gekelman@physics.ucla.edu

Thomas Jarboe U. of Washington 505-667-2285 jarboe@aa.washington.edu

Martin Lampe NRL 202-767-4041 lampe@ppd.navy.mil

Scott Parker U. of Colorado 303-492-3292 scott.parker@colorado.edu

Barbara Shrauner Washington U. 314-935-6134 bas@ee.wustl.edu

1998 Appointed Committees

Program Committee for Invited and Contributed Papers

Miklos Porkolab, *Chair* MIT 617-253-8448 porkolab@psfc.mit.edu

Donald Batchelor ORNL 423-574-1288 batchelordb@ornl.gov

Michael Bell PPPL 609-243-3282 mbell@pppl.gov

John Booske U. of Wisconsin 608-262-8548 booske@engr.wisc.edu

Frank Cheng PPPL 609-243-2648 fcheng@pppl.gov

Jill Dahlburg NRL 202-767-5398 dahlburg@icp.navy.mil

Bruce Danly NRL 202-767-0032 danly@mmace.navy.mil

James Drake U. of Maryland 301-405-1471 drake@glue.umd.edu

Daniel Dubin UCSD 619-534-4174 dhubin@ucsd.edu

Nathaniel Fisch, *ex officio* PPPL 609-243-2643 fisch@princeton.edu

Alex Friedman LLNL 510-422-0827 friedman1@llnl.gov

Walter Gekelman UCLA 310-825-8461 gekelman@physics.ucla.edu

Kirk Hackett Kirtland AFB 505-846-5496 hackettk@plk.af.mil

Gregory Hammett	PPPL	609-243-2395	ghammett@pppl.gov
Bick Hooper	LLNL	510-423-1409	hooper1@llnl.gov
Jeffrey Hopwood	Northeastern U.	617-373-3006	jhopwood@lynx.neu.edu
Wendell Horton	U. of Texas	512-471-1594	horton@peaches.ph.utexas.edu
Amanda Hubbard	MIT	617-253-3220	hubbard@psfc.mit.edu
Gabor Kalman	Boston College	617-552-3581	kalman@bcvms.bc.edu
Thomas Katsouleas	U. Southern Calif.	213-740-0194	katsoule@usc.edu
Makoto Katsurai	U. of Tokyo, Japan	+81-3-3812-2111	katsurai@katsurai.t.u-tokyo.ac.jp
Stephen Knowlton	Auburn U.	334-844-4685	knowlton@physics.auburn.edu
Yue-Ying Lau	U. of Michigan	313-764-5122	yylau@engin.umich.edu
Wim Leemans	LBNL	510-486-7788	leemans@lbl.gov
Christoff Litwin	U. of Wisconsin	608-263-5808	litwin@uwmfe.neep.wisc.edu
Daniel McCarthy, <i>exofficio</i>	SE Louisiana U.	504-549-2894	dmccarthy@selu.edu
Robert Merlino	U. of Iowa	319-335-1756	merlino@iowa.physics.uiowa.edu
Ronald Prater	GA	619-455-2839	prater@gav.gat.com
Bradley Rice	LLNL / GA	619-455-4130	rice@gav.gat.com
William Rowan	U. of Texas / MIT	617-253-8663	rowan@psfc.mit.edu
Richard Siemon	LANL	505-667-2040	rsiemon@lanl.gov
Fred Skiff	U. of Maryland	301-405-4977	skiff@glue.umd.edu
John Soures	U. of Rochester	716-275-3866	jsou@lle.rochester.edu
Mary Ann Sweeney, <i>exofficio</i>	SNL	505-845-7307	masween@sandia.gov
Toshi Tajima	U. of Texas	512-471-4574	ttt@dino.ph.utexas.edu
Michael Tandler	Alfvén Lab, Sweden	+46-8-790-7709	tandler@venus.fusion.kth.se
James Terry	MIT	617-253-8637	terry@psfc.mit.edu
Ronald Waltz	GA	609-455-4584	waltz@gav.gat.com
Masaaki Yamada	PPPL	609-243-2566	myamada@pppl.gov

Local Arrangements for New Orleans, Louisiana Annual Meeting

Daniel McCarthy	SE Louisiana U.	504-549-2894	dmccarthy@selu.edu
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Site Selection Committee

Richard Hazeltine, <i>Chair</i>	U. of Texas	512-471-1322
Mary Ann Sweeney	SNL	505-845-7307

Public Information Coordinator

Bruce Remington	LLNL	510-423-2712	remington2@llnl.gov
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Newsletter, Program Administration, and Home Page

Saralyn Stewart	U. of Texas	512-471-4378	stewart@peaches.ph.utexas.edu
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Concerns of Young Scientists Committee

Earl Scime	W. Virginia U.	304-293-3422	scime@wvnmms.wvnet.edu
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Fellowship Committee

James Drake, <i>Chair</i>	U. of Maryland	301-405-1471
drake@glue.umd.edu		
Bruce Cohen	LLNL	510-422-9823
Paul Drake	U. of Michigan	313-747-3660
Daniel Dubin	UCSD	619-534-4174
David Hammer	Cornell	607-255-3916
Joseph Huba	NRL	202-767-6863
Thomas Jarboe	U. of Washington	505-667-2285
Mark Kushner	U. of Illinois	217-244-5137
Michael Zarnstorff	PPPL	609-243-3581

Publication Committee

John Cary, <i>Chair</i> cary@colorado.edu	U. of Colorado	303-492-1489
Bruce Cohen	LLNL	510-422-9823
Steve Eckstrand	DoE	301-903-5546
David Forslund	LANL	505-665-1907
Martin Goldman	U. of Colorado	303-492-8896
Noah Hershkowitz	U. of Wisconsin	608-263-4970
James Knauer	U. of Rochester	716-275-2074
Bruce Langdon	LLNL	510-422-5444
Douglass Post	ITER, San Diego	619-622-5141
Barrett Ripin	APS	301-209-3233
Barbara Shrauner	Washington U.	314-935-6134

Human Rights Committee

William Dorland, <i>Chair</i> bdorland@ipr.umd.edu	U. of Maryland	301-405-1608
Herbert Berk	U. of Texas	512-471-1364
Abraham Bers	MIT	617-253-4195
John Finn	LANL	505-667-8156
Bruce Scott	Max-Planck, Germany	49-89-3299-1644
Andrew Sessler	LBL	510-486-4992
Thomas Stix	PPPL	609-243-2488

Science Education Committee (formerly Interdivisional and Public Affairs Committee)

Thomas Simonen, <i>Chair</i> simonen@gav.gat.com	General Atomics	619-455-3522
Herbert Berk	U. of Texas	512-471-1364
Michael Brown	Swarthmore	610-328-8648
Kimberly Budil	LLNL	510-423-8098
Donald Correll	LLNL	510-422-6784
James Drake	U. of Maryland	301-405-1471
Paul Dusenbery	Space Science Inst.	303-492-2013
Tim Eastman	Plasmas International	301-587-0894
Walter Gekelman	UCLA	310-825-8461
David Newman	ORNL	423-576-0381
Andrew Post-Zwicker	PPPL	609-243-2116
Sherrie Preische	APS	301-209-3255
Barrett Ripin	APS	301-209-3233
David Schissel	GA	619-455-3387
Clint Sprott	U. of Wisconsin	608-263-4449
Richard Temkin	MIT	617-253-5528

Nominating Committee

Ronald Davidson, <i>Chair</i>	PPPL	609-243-3552
Stephen Obenschain	NRL	202-767-0689
Earl Scime	West Virginia U.	304-293-3422
Jonathan Wurtele	UC, Berkeley	510-642-7166
Ellen Zweibel	U. of Colorado	303-492-8439

James Clerk Maxwell Prize

Robert Goldston, <i>Chair</i>	PPPL	609-243-3553
Philip Morrison, <i>Vice-Chair</i>	U. of Texas	512-471-1527

Martin Goldman	U. of Colorado	303-492-8896
Charles Kennel (1997 recipient)	UCLA	310-825-2052
Michael Key	LLNL	510-424-2175

Award for Excellence in Plasma Physics Research

Bruce Remington, <i>Chair</i>	LLNL	510-423-2712
Charles Karney, <i>Vice-Chair</i>	PPPL	609-243-2607
Fred Driscoll	UCSD	619-534-2489
David Hammer	Cornell	607-255-3916
Fred Levington (1997 recipient)	UCLA	310-825-7279

Award for Outstanding Doctoral Thesis in Plasma Physics

Ronald Gilgenbach, <i>Chair</i>	U. of Michigan	313-763-1261
Amitava Bhattacharjee, <i>Vice-Chair</i>	U. of Iowa	319-335-1686
Adil Hassam	U. of Maryland	301-405-1417
Thomas O'Neil	UCSD	619-534-4176
Miklos Porkolab (1997 recipient advisor)	MIT	617-253-8448

Nicholson Medal for Humanitarian Service

Arnold Kritz, <i>Chair</i>	Lehigh U.	610-758-3930
Wallace Manheimer, <i>Vice-Chair</i>	NRL	202-767-3128
Bernard Cooper	West Virginia U.	304-293-5732
Henry Kendall (1997 recipient)	MIT	617-253-7584
Ravinda Sudan	Cornell	607-255-4127

DPP Education and Outreach

Educational outreach activities at this year's DPP annual meeting in Pittsburgh showed once again that teachers and students are eager to learn about the fourth state of matter. This year's effort was organized by Princeton Plasma Physics Laboratory with the aid of General Atomics, Lawrence Livermore National Laboratory and Massachusetts Institute of Technology.

Teachers' Day attracted 60 high school and middle school teachers to a program focusing on fusion research, with workshop topics ranging from the electromagnetic spectrum, to bringing real time fusion data into the classroom via the Internet, to using a computer-based model to predict effects of global warming.

The Plasma Sciences Expo held later in the week attracted approximately 1000 students and teachers from local schools. They had a field day, experimenting with the large variety of hands-on learning tools presented by industries, laboratories and academic institutions. Among other things, they generated electricity with their own man power, learned how magnets can be used to launch a toy across the room and levitate a frying pan, observed their fluctuating body temperatures on a special monitor, manipulated a plasma with magnets, and watched an electromagnetic wave demonstration.

Plans are now underway to make the 1998 education and outreach events in New Orleans even better. MIT will host planning the events. A trip to communicate with local educators and to find a site for the Expo is scheduled for early February.

Minutes of the DPP Executive Committee Meeting

Sunday, 16 November 1997
DoubleTree Hotel, Pittsburgh, PA

Attendees

Officers:

Richard Hazeltine, Chairman
Nat Fisch, Chairman-Elect
Miklos Porkolab, Vice Chairman
Mary Ann Sweeney, Secretary-Treasurer
Stewart Prager, Past Chairman

Executive Committee:

Peter Politzer (11/97), Sherrie Preische (11/97), Don Batchelor (11/98), Fred Driscoll (11/98), Barbara Abraham-Shrauner (11/98), Sam Cohen (11/99), Walter Gekelman (11/99), Martin Lampe (11/99)

Divisional Councillors:

Bill Krue (1996-1999)

Committee Chairmen:

Tom Simonen (Interdivisional and Public Affairs), Earl Scime, Mark Koepke (Local Arrangements DPP97), Dan McCarthy (Local Arrangements DPP98), John Cary (Publications)

Administrator/Editor DPP Newsletter:

Saralyn Stewart

APS Representatives:

Barrie Ripin (Associate Executive Officer), Tom McIlrath (Treasurer), Donna Baudrau (Meetings Manager)

Guests:

Jim Chen (NRL), Bruno Coppi (MIT), Donald Correll (LLNL), Ronald McKnight (DOE), Andrew Post-Zwicker (PPPL), Toby Smith (MIT), Gerry Rogoff (Osram-Sylvania), David Ruzic (U. Illinois), Mark Haynes (GA), Michael Tendler (Alfvén Lab, Sweden), Fritz Wagner (Garching, EPS representative)

Announcement of New ExCom Members--Hazeltine

The meeting began at 10:10 am. Richard Hazeltine announced the results of the DPP Executive Committee (ExCom) election.

Incoming Officer:

Jim Drake, Vice Chairman

Incoming Members:

John Finn (11/2000)
Tom Jarboe (11/2000)

Scott Parker (11/2000)

Spring Executive Committee Minutes--Sweeney

The minutes were approved via an email following the meeting.

Secretary-Treasurer's Report--Sweeney

Materials distributed were a draft of the 1998 DPP deadlines and task list, the final version of the DPP Administrator Position Description, APS and DPP financial policies, a survey form for DPP97 session chairmen, and an evaluation form for DPP97 attendees. Nat Fisch asked that next year's evaluation form for attendees be more specific. Other items included as part of the APS-DPP Handbook that was distributed are significant motions since November 4, 1986, the DPP bylaws, the DPP Meeting Organization Plan, and proposed income and expenses for DPP97.

ExCom members were asked to look at the deadline and task list for 1998 and contact Mary Ann by email if something is missing or incorrect.

Presently, DPP has two APS councillors. Roy Gould's term expires at the end of 1998. To maintain our second councillor, we must represent at least 6% of the total APS membership by December 31; we are always close to that number and for several years were just below 6%. The DPP proportion of the APS membership also determines our number of fellows. ExCom was asked to encourage renewals and new members so we retain our second councillor slot.

The total received by September 30 in preregistration fees for DPP97 was \$61,090; total banquet income was \$2,580. The only unanticipated expense is the test of electronic mail (email) access by renting three terminals and internet access at a cost of \$1800.

Total assets in the DPP treasury as of September 30 are \$230,624. [Note subsequent to the ExCom meeting: A corrected statement was received 11/19/97. On the new statement, the total is \$264,434.] Dues income for the fiscal year ending June 30 was \$12,205; Interest earned was \$16,924. Newsletter mailing expenses for the year ending June 30 was \$14,177. Revenue for DPP96 was \$282,082 and expenses were \$278,128. Other expenses included \$18,860 for production and printing of the Pervasive Plasma State. Plasma Open House contributions for the year ending June 30 were \$6162; total received for DPP97 so far is \$3200, with \$1000 more not yet deposited plus \$755 as a printing donation. Bills of ~\$10,000 received last week are being processed.

Email is being used extensively to notify members about the DPP meeting and about deadlines. NSF now

sends email announcements of proposals to all Secretary-Treasurers. Ones of interest to plasma physics are shortened and sent by email to DPP members.

Councillors' Report--Kruer

The APS Council meets next week. Allan Bromley, the APS President, is doing a fantastic job drumming up support for science as a member of the coalition of professional science organizations.

International Cooperation--Wagner

Richard Hazeltine attended and thoroughly enjoyed the European Physical Society (EPS) Program Committee and Executive Board Meetings in Berchtesgaden. A reduction in registration fees for EPS meetings is available to APS members. Four U.S. scientists will give review talks. As DPP Chairman, Nat Fisch will attend the meetings next year in Prague. The Prague EPS meeting will be a joint meeting of EPS and the International Congress of Plasma Physics (ICPP). A Transport Task Force Workshop will also be held.

International Congress on Plasma Physics--Tendler

Michael Tendler is President of the ICPP. Sweden is headquarters of the International Union of Pure and Applied Physics, of which ICPP is a part. U.S. members of ICPP are R. Hazeltine, S. Mahajan, J. Morales, T. O'Neil, M. Yamada, and D. Ryutov.

Michael asked about combining the DPP annual meeting in 2000 with the ICPP meeting in Quebec City in 2000. ICPP was founded in Japan in 1990 and meets biennially. Ordinarily, there are 800 attendees. Although the site has been determined, the date is flexible. Comments by ExCom attendees were: 1) Combining the meetings in 2000 would enrich both and add special excitement. 2) Quebec City would be cold and expensive. A date in mid to late October rather than November should be considered. 3) The Department of Energy (DOE) considers Canada foreign travel, and attendees from national laboratories and government contractors would need to be approved. Ron McKnight will address the foreign travel issue with others at DOE. This item will be discussed further at the spring DPP ExCom when the DPP Site Selection Committee gives its report.

Role of DPP in Changed Funding Climate--Hazeltine

Richard advocates formation of a council of past chairmen to act as advisors on funding allocations and report to the chairman. The chairman does not have enough time to address broad issues important to the plasma physics community and at the same time deal with DPP issues. In Europe, this is different, since the

EPS chairman serves six years. While Anne Davies, for example, receives informal advice from fusion program leaders, there is no formal body to provide this other than the Fusion Energy Sciences Advisory Committee, chartered by Congress, and the National Research Council Plasma Science Advisory Committee, partially funded by DOE, that looked at all aspects of plasma science. Nat Fisch said funding advice is only one of the functions such a council should fulfill. Barry Ripin recommended that DPP try to have the same sort of involvement on advisory committees that the high energy physics community has.

Comments by ExCom attendees included: 1) It is important to broaden DPP meeting topics; an advisory council may be at odds with that intent. 2) Membership on the council should be limited to about six, chosen from past chairmen within the last decade. 3) Such a council should not advocate for one subgroup of plasma physics, but give advice on all aspects of plasma physics. 4) A formal body that provides funding advice to the government must be chartered by Congress. 5) The purpose of such a council should be, instead, to identify specific issues for the ExCom to address. 6) Because all recent past chairmen are fusion oriented, this does not represent a diverse enough group. Instead, this role should be played by ExCom itself.

Richard clarified that the council would be a scientific advisory group, not an advocacy group. He asked for a straw vote of those present concerning an expanded role of DPP in plasma physics policy issues. The vote was 1 opposed, several abstentions, and the rest in favor. Richard and Stewart Prager will give a report on further ideas concerning this item at the next ExCom.

Meeting Announcements/DPP Home Page--Stewart

The DPP Newsletters have been renamed the Winter, Spring, and Summer Newsletters. With the help of Perry Phillips, a physicist at University of Texas, the home page was enhanced. Sending email notification to APS members in the area where the DPP meeting will be held was mentioned. This was done for DPP96 but not DPP97.

Interdivisional and Public Affairs--Simonen

A written report was distributed. A second printing of the Pervasive Plasma State brochure, also accessible from the DPP web page, is being done. Science Teachers' Day is Tuesday; the Plasma Science Expo begins Thursday. Planning for the 1998 education and outreach activities begins at a breakfast meeting on Wednesday. Another committee activity is planning for the APS Centennial. Tom Simonen asked for

advice about how to let other units know what DPP does. The committee should be more involved in interdivisional activities. **A motion (Ripin, Fisch) was made** expressing ExCom's enthusiasm for the Interdivisional and Public Affairs Committee to participate in development of education outreach activities by other units. **The motion passed.**

Teachers' Day Expo in Washington DC, March 10-12, 1998--Haynes

Participating organizations are LLNL, General Atomics, Princeton, and MIT. This event for high school and mid school teachers in the Washington area will be at George Washington University. Continuing education credit may be offered via Howard University or George Washington University. 150-200 teachers are expected to attend. George Washington will host a reception. Both universities asked that a plasma physicist give a colloquium at their university during this time and this will be done. Frederico Pena was sent an invitation to speak at lunch and Martha Krebs hopes to have a media event associated with his interaction. The Plasma Expo part of these activities will be April 2-3 in Washington. The ExCom voted at the April meeting to contribute an amount, not to exceed \$5000, to these events, with the DPP officers deciding the precise amount. In July, the officers decided the amount would be \$4000.

Public Relations Coordination--Remington

Bill Krueer gave the report. Bruce had interactions with the media, including Science and Sky and Telescope. There was a pre-conference press release and a post-conference one is planned based on hot topics presented. The March 19-21, 1998 Second Topical Conference on Astrophysical Experiments with Intense Lasers was mentioned. Bruno Coppi said there was too much concentration on plasma astrophysics and other aspects of plasma physics should also be emphasized.

Outreach and Plasma Physics Support--Hazeltine

Three division officers (Stewart Prager, Richard Hazeltine, Nat Fisch) visited Basic Energy Sciences (Pat Dehmer), Fusion Energy Sciences (Anne Davies), the Office of Science and Technology Policy (Beverly Hartline, Miriam Foreman), NSF (Barry Schneider, Denise Caldwell), and aides in Gramm's and Lieberman's senate offices. Toby Smith of MIT organized the visits. Several officers wrote a letter to Secretary of Energy Pena about funding of plasma science and mentioned the sharp cuts in magnetic fusion. A reply was received from Anne Davies thanking APS and DPP for efforts of the fusion community to restructure that program and to explain their restructuring to Congress.

Plasma Colloquia Travel Grant/Lecturers--Shrauner

DOE is funding a DPP travel grant program at \$10,000 per year, subject to renewal, to have 15 lectures on plasma physics. Institutions without plasma physics programs are to be favored. Barbara Shrauner was thanked for conceiving and implementing this idea. A subcommittee (Porkolab, Shrauner, Politzer, Hazeltine) selected the five lecturers. A flyer was mailed to several hundred university physics departments; the travel grant funds will pay the \$510 printing and mailing cost. The lectures are also advertised on the DPP web page.

DOE activities--McKnight

Ron McKnight summarized the junior plasma investigator, basic plasma science initiative, innovative confinement concept, and high energy density physics funding programs. 37 basic plasma science and 40 innovative confinement concept proposals were funded. Although there is no new plasma science initiative in 1998, the NSF/DOE cooperation will continue, as a result of the five-year memorandum of understanding.

Update on Coalition of Plasma Science--Smith

Toby Smith (MIT) has served as acting chairman of the Coalition for Plasma Science (CPS) for 6 months; Gerry Rogoff of Osram-Sylvania is acting Vice Chairman. The coalition is still struggling with who is its audience. Toby emphasized that the coalition is a broad group: it is not just concerned with fusion issues and does not have a specific agenda. There are 15 member organizations; because of APS concerns, DPP itself cannot yet officially endorse activities of the coalition. There is no dues requirement for member organizations.

Toby described the April 1997 display in the rotunda of the Cannon Office Building of the House of Representatives and distributed materials, written primarily from a layman's perspective, that CPS has produced. The DPP Pervasive Plasma State brochure was among the materials distributed at the April display. The 1998 display may include a reception, an expanded evening poster session, speakers, and better coordination/formats of the exhibits.

CPS is looking at K-12 and college level education with respect to the treatment of plasmas and finds this is lacking in textbooks. In the future, the coalition plans to issue one-page reports on specific plasma science applications. A just completed CPS Plasma Page describes, in three to four paragraphs, exciting research in plasma science. The list of recipients for the report, which includes news editors, is being

developed, and a call is being issued for CPS Plasma Page articles. The coalition also has a web page. Sherrie Preische and Barrie Ripin encouraged the coalition to coordinate their activities with the American Institute of Physics, which also issues informational pages on research in physics (Physics News Updates) and is known to science writers as a source for physics research information.

Proposed Topical Group on Astrophysics--Coppi

Over 400 signatures were collected. The intent is to serve as a bridge between DPP and the Division of Astrophysics (DAP). Barrie pointed out that a topical group is equivalent to a division; it would be an independent unit not part of DPP or DAP and may detract from membership in these divisions. Other ExCom attendees are concerned about formation of the group. The procedure at this point is for the petition to be presented to Council. Then, DPP, DAP, and other APS units would be formally asked if there are objections to the new unit.

1997 DPP Program Committee--Fisch

Nat summarized his successful effort to broaden the meeting scope and thanked Earl Scime and Mark Koepke and the Program Committee for their assistance. The feeling of the meeting is different this year. Evening and lunch-time sessions were eliminated. The number of invited talks was increased from 55 to 95, with competing invited sessions. A new type talk, the invited tutorial, was added. Some tutorials were successful; for a few, focus at the graduate-student level was not achieved. Earl Scime suggested that the best tutorials and tutorial speakers be listed on the DPP home page.

There was difficulty with the mini-conference concept. The idea was to put speakers together in a room and have a session organizer plan the mini-conference. This was not completely successful, since speakers did not know the length or nature of their talk (oral or poster). Several speakers thought they were invited in the sense of a DPP invited speaker. Closer coordination with mini-conference organizers will be done next year.

Other changes included a new APS requirement in naming the meeting sessions, which can no longer begin with a number (1C, for example).

Nat asked for feedback on the new initiatives. For example, should other concepts be tried such as short courses on the Sunday before the meeting?

1997 DPP Local Arrangements--Koepke/Scime

The plenary sessions were in the Convention Center two days and in the DoubleTree the other three days. Donna Baudrau said this was in the contracts originally signed with the hotel and convention center. Earl and Mark asked that contracts be made available to the Local Arrangements Committee in the future, so that the committee is aware of what rooms are promised.

Mary Ann Sweeney said the meeting would be held Tuesday evening to review meeting tasks done by the Meetings Department, the Program Committee, the Local Arrangements Committee, and the DPP Administrator. The Meetings Department, the Program Chairmen, the Local Arrangements Chairmen, and Saralyn Stewart are expected to attend. [This meeting was helpful in improving communications; it will be held in the future during the DPP meeting as an aid in planning next year's meeting.]

APS Meetings Department--Baudrau

As of Sunday afternoon there were 1100 registrants. A total of ~1300 are expected. Donna Baudrau, new Manager of the APS Meetings Department, was not aware that DPP does not see the contracts and will send these to the Secretary-Treasurer in the future.

Annual Plasma Science Open House--Post-Zwicker

About 300 students associated with the Westinghouse Science and Engineering Institute and their families are expected at the Thursday evening opening; about 600 of the public are expected Friday. This year, for the first time, the Open House is physically in the same location as the DPP. There are 20 exhibits. Setup begins Wednesday afternoon.

Science Teacher's Day--Correll

The 8 teacher workshops are interactive and include mid school teachers. The Science Teacher's Day and the Plasma Science Open House depend on volunteers. MIT and Paul Rivenberg are in charge in 1998.

Travel Grant Programs--Stewart

CRDF funds are no longer available to those in the former Soviet Union (fSU), nor are funds available through the Soros Foundation. Most of the \$5k in the DPP budget was used for one invited speaker from the fSU. \$700 each was allocated for 5 additional attendees, but it is not clear all of these are coming.

Among the questions and comments by the ExCom were: How is availability of funds publicized? Should allocation of these funds be reassessed, since we are not a funding agency? What about other third world countries? Fritz Wagner mentioned difficulties with such funding in Europe; he concludes that the money

should be transferred on site, since some attendees fly first class. A committee was formed to study the travel fund issue. Members are Finn, Gekelman, and Fisch.

1998 DPP Meeting Budget--Sweeney

In keeping with the motion passed November 1996, the budget will be considered in February via email discussion and then approved by the voting members. ExCom attendees were asked to inform Mary Ann of non-standard expenses that should be taken into account when she and Donna formulate the budget.

APS/AAPT Spring 1998 Meeting--Porkolab

DPP has two joint sessions, one with Division of Astrophysics, organized by Bruno Coppi, and one with Division of Physics of Beams, organized by Chan Joshi. In addition, there is a separate session on strongly coupled plasmas. Sherrie Preische asked that the ExCom meeting not conflict with DPP-sponsored sessions, so attendance at these sessions is higher; in 1997, the ExCom was in direct conflict with technical sessions involving plasma physics.

1998 DPP Program Committee--Porkolab

The deadline for 1998 abstracts is July 22, two weeks later than this year. The Program Committee Meeting is July 29-30 in College Park. There are complaints from some DPP members about not receiving the Bulletin by mail prior to the meeting. Instead, the Program is available at the APS Homepage, a recent APS-wide policy of the APS Council. Jim Drake was not happy about the abstract deadline and would like the deadline moved to mid August. However, according to Sweeney and Ripin, the deadline depends on the time required by the Program Committee to verify and make changes to the Program before it is sent for printing, and the deadline for other units.

Travel Support/Registration Fee Waivers/ One-Day Registration Fee--Fisch/Porkolab

Nat Fisch suggested waiving registration fees and instituting one-day fees to broaden the attendance. Sweeney expressed concern about finances, since the meeting income is from registration fees. APS has a policy against waiving registration fees except where an invited speaker is speaking to an audience well outside his sphere of expertise. Also, instituting a one-day fee could have the adverse effect of making the meeting more like the general meeting, in that scientists do not interact but just attend their "own" sessions. APS meetings with one-day fees charge slightly more than half the total fee for one-day registration. For example, if the registration fee is \$195, the one-day fee would be \$100. **A motion (Fisch, Gekelman) was made and passed**

unanimously recommending that the registration fee schedule for 1998 include a one-day fee.

Possible Collocation of Gaseous Electro-nics Conference (GEC) with DPP Meeting--Ruzic

This topic was discussed at the DPP Program Committee Meeting in July. The DPP and GEC meetings are traditionally within three weeks of each other. Instead, according to Barrie Ripin, the GEC decided to affiliate with the Division of Atomic, Molecular, and Optical Physics rather than forming a separate topical group on low temperature plasma physics. A difficulty with collocation is GEC's view that APS was trying to force it to become a topical group. The APS auditors had a problem with providing a non-profit number to a non-APS entity and allowing GEC to publish its abstracts at APS-unit rates in the Bulletin.

APS Executive Office--Ripin

The Unit Convocation is January 24 in College Park. This year, in addition to the Secretary-Treasurers, the Chairmen, and the Chairman-Elect, the centennial coordinators are invited. The emphasis will be planning the Centennial. The sorters' meeting for the April General Meeting will be January 25 in College Park.

A task force chaired by Burt Richter is looking into issues related to Physics Today. AIP is the publisher and APS does not have much control over the magazine. Another task force is reviewing prizes and awards offered by APS. An APS-wide career and professional development standing committee is being formed. Faculty workshops will be held and a network of career liaisons with physics departments will be established.

Mary Pat Paris no longer manages the Membership Department; Trish Lettieri is the new manager. APS is concerned about the lack of young members; Sherrie Preische did an email survey to gauge concerns of members four years or less past their final degree. The total number of DPP members is 2275 as of October 23; this includes 347 new members. Bill Kruer suggested that the DPP Nominating Committee look for young members as candidates for the Executive Committee.

APS Treasurer's Office--McIlrath

APS finances are good this year, in particular because of the stock market. A \$1.6 million deficit was expected and instead there is a \$1.5 million excess. Total reserves are 1.5 times expenses. Most income is from journal subscriptions. The total in the latest fiscal year was \$25 million, with \$20 million of this amount

from libraries. APS would like to raise \$1.5 million for the Centennial.

APS Journal--Blume, given by McIlrath

Because of changes in the finances of libraries, who are the primary subscribers, major changes are expected in the next five years and APS is concerned about how to control journal costs. Since the Lyndon Johnson administration in the mid 60s, library subscriptions have declined 3% per year. With Reviews of Modern Physics on line in January, all APS journals will be on line. On-line member subscriptions are increasing. The current mix of authors is 70% non-US authors; 60% of non-member subscriptions are from foreign. APS may institute page charges for authors. Different models for journal finances are being assessed: payment by subscribers, payment by authors, subscription rates that depend on institution size, or some combination of these. There is concern by libraries about how to deal with archiving if journals go to an all-electronic format.

Concern was expressed by Sam Cohen about foreign authors paying page charges; Pete Politzer asked about adding advertising on the web to offset costs. Jim Drake favors all electronic publishing because of the options (movies, color, etc.) available cheaply.

New APS Fellows--Porkolab

Twelve candidates and three alternates were proposed. However, Miklos does not know who from this list was approved. [Each year the Council sends the Secretary-Treasurer and DPP Chairman this information.]

Concerns of Young Scientists--Scime

No evening session on careers were organized this year.

Publications--Cary

John Cary is the new Publications chairman. The committee is trying to do most of its work by meeting electronically. Submission of plasma physics manuscripts to Physical Review Letters is down 2%, while the overall submission rate is up 9%. There were 160 theses on plasma physics last year.

PRL Questionnaire--Ripin

A survey of PRL policies is being done. Some of the questions are: Should the threshold for acceptance be increased? Should the length limit be increased? Are the accepted papers on a broad enough set of topics?

1999 APS Centennial Celebration--Drake, Preische

Jim Drake is chairman of a subcommittee of Tom Simonen's Interdivisional and Public Affairs

Committee that is concerned with this effort. The Centennial Celebration is March 20-26, 1999 in Atlanta, Georgia and includes both the March and April General Meetings that year. This is a great opportunity for plasma physicists to interact with other physicists. 43 Nobel laureates so far have agreed to participate. The celebratory events, which will be on the weekend before the General Meeting sessions begin, include a set of international symposia. The Sherwood theory meeting will be Monday through Wednesday in conjunction with the meeting. The Centennial Celebration Subcommittee of DPP developed a list of 15 plasma physicists and asked them if they would be willing to appear in the APS Centennial Speakers Booklet. Jim has not heard who was actually selected for the booklet. Richard Hazeltine got two items on plasma physics added to the 27-foot-long APS Centennial Wall Chart. An APS physics display will be installed in the Georgia World Congress Center during the centennial. Carol Danielson of General Atomics will be the DPP contact for plasma physics displays related to this event. The deadline to determine Centennial symposium speakers is May 1998.

DPP Nominations for APS Council and Committee Positions--Hazeltine

Maxwell Prize Update--Ripin

Barrie Ripin wrote to Alan Kolb about the status of Maxwell Technology's sponsorship of the James Clerk Maxwell Prize for Plasma Physics and requested funds for the 1996 and 1997 prizes. Walt Robertson has replaced Alan Kolb as head of Maxwell. Maxwell Technology may not be receptive to continuing to fund the prize. Barrie should know for sure within the next month. The prize conditions established in 1975 by Maxwell Laboratories included that the prize is to be awarded only to U.S. residents for work done primarily in the U.S.

According to Andy Sessler, APS President-Elect, the Division of Physics of Beams recently endowed the Robert R. Wilson Prize. That prize can have international recipients and international donations were sought and received. At this point, it would be unusual for APS Headquarters to accept funding for an award that does not allow international recipients. **A motion (Politzer, Batchelor) was passed**, with 10 in favor and 2 abstentions, recommending that the conditions of the James Clerk Maxwell Prize be modified to allow recipients to be international.

APS has a rule that a prize must have a five-year commitment and an endowed prize is favored. (For an endowment, funding must be at the \$100,000 level to

award a \$5,000 prize.) Hence, efforts will be undertaken to make the Maxwell Prize an endowed one. If Maxwell does not continue funding the prize, Barrie suggested a subcommittee be appointed to look at creating an endowed prize via contributions from other sources.

Outstanding Doctoral Dissertation Award--Porkolab
A motion (Prager, Batchelor) was made advising the DPP Program Chairman that, ordinarily, the recipient of the dissertation award should give an invited talk in the year of the award. **The motion passed**, with 9 in favor, 1 against, and 1 abstention.

Award Committee Member Succession--Sweeney
 Ian Hutchinson, Chairman of the 1997 Excellence in Plasma Physics Award Committee, had inquired about membership on award committees. Membership for the next year always include a recipient (or his organization, in the case of the doctoral dissertation award) from the current year. The Vice Chairman of an award committee usually serves as Chairman the following year. Membership is for a maximum of two consecutive years. Each year, one member is selected by the Executive Officer from recommendations by the DPP Chairman. The other DPP officers and Ian were informed of this procedure via email after the April ExCom.

Nicholson Medal--Finn

Henry Kendall (MIT) is the 1997 Nicholson recipient. This APS-wide award was established in 1993 in memory of a plasma physicist, Dwight Nicholson of the University of Iowa. This year there were no new nominations and, in particular, no new ones in plasma physics. John Finn would like to see more nominations for the medal and more from plasma physics. There are no citizenship restrictions.

DPP 2000 Site Selection Committee Report--Sweeney/Prager

Because of the changeover in the Meetings Department, a site has not been selected for 2000, and 2000 is just 3 years away. Mary Ann, Richard, and Donna Baudrau are planning site selection trips in the January-February time frame. **A motion (Sweeney, Batchelor) was made** to consider sites for 2001 at the same time that sites for 2000 are considered. **The motion passed.** The "short list" for 2000 is Albuquerque, Boston, Orlando, San Antonio, and San Francisco. An additional possibility of Quebec City in 2000 was brought up earlier in the meeting, via collocation with the International Congress of Plasma Physics.

Interaction between DPP and AAS Solar Physics Division--Chen

Jim Chen was appointed by the Solar Physics Division of the American Astronomical Society (AAS) as a liaison to the ExCom. The Solar Physics Division has periodic (every two or three years) joint meetings with the American Geophysical Union. Communication should be encouraged between the solar-terrestrial physics division of AAS and DPP because much of the interpretation of solar observations involves plasma physics. Ways to increase the interaction, other than this liaison position, might be stronger representation on the two Program Committees and identification of meetings that can be co-hosted. Areas of interest should include more than just MHD and magnetic reconnection. Other areas of interest include radiation and plasma interaction, non-thermal properties of matter, etc.

Site for 1998 Spring ExCom Meeting--Fisch

The site is expected to be Columbus, Ohio, in conjunction with the April 18-21 General Meeting.

Respectfully submitted,
 Mary Ann Sweeney
 Secretary-Treasurer

Important dates ...

**Fellowship Nomination
 Wednesday, 1 April 1998**

**Prize / Awards Nominations
 Wednesday, 1 April 1998**

**1998 Officers Nominations
 Wednesday, 1 April 1998
 Invited / Review Papers
 Wednesday, 3 June 1998**

**Contributed Abstracts
 Wednesday, 22 July 1998**

APS-Division of Plasma Physics Newly Elected Fellows

(December 31, 1997)

Michael George Bell—Princeton University

For contributions to plasma performance optimization and investigations of confinement and stability of tokamak plasmas and for contributions to the experiments which led to the production of 10.7 MW of D-T fusion power in TFTR in November 1994.

Raymond Kurt Fisher—General Atomics

For innovative leading-edge contributions, including the first measurements of confined alphas and knock-on tails, the first observations of plasma resonance cones, and pioneering experiments on non-circular tokamaks.

Henry Philip Freund—SAIC

For seminal contributions to the theory of collective radiation mechanisms in plasma and relativistic electron beams, and the application of the theory to runaway electron instabilities in tokamaks and to coherent radiation sources such as Free-Electron Lasers and Cerenkov Masers.

Gurudas Ganguli—Naval Research Lab

For being a pioneer in the study of velocity shear-induced microinstabilities and the associated mesoscale effects on the global ionospheric and magnetospheric plasma state.

Gregory W. Hammett—PPPL

For development of fluid-like models containing Landau damping and gyro-orbit averaging important in the simulation of drift wave turbulence, and for bounce averaged quasilinear theory of ion cyclotron heating.

Edward Alan Lazarus—General Atomics

For his insight and leadership in advanced plasma shape control for improving tokamak performance.

Richard W. Lee—UC, Berkeley

For technical contributions and outstanding outreach of codes for plasma spectroscopy.

M. Keith Matzen—Sandia National Labs

For pioneering work and leadership in the theory and experiments that produced energetic, intense pulsed-power-driven x-ray sources and demonstrated their applications in ICF and radiation physics.

Warren B. Mori—UCLA

For his outstanding contributions to particle simulations of complex laser-plasma phenomena and of plasma based light sources.

Dov Shvarts—NRC-Negev, ISRAEL

For his penetrating insights in the development of theories for ion and electron transport, high-Z opacity, and multimode nonlinear mixing due to the Rayleigh-Taylor and Richtmyer-Meshkov instabilities.

Max Tabak—LLNL

For his exceptionally inventive and broad contributions to the fields of laser and particle driven inertial fusion, and in particular for being the principal inventor of the fast ignitor concept.

Charles Peter Verdon—U. of Rochester

For developing ICF targets for direct drive that self-consistently incorporate beam smoothing and hydrodynamic stability constraints, and for developing a quantitative understanding of Rayleigh-Taylor instability for direct drive.

Alan James Wootton—U. of Texas

For extraordinary leadership in the experimental investigation and understanding of turbulent processes in tokamaks and for guiding the development of new methods for diagnosing tokamak plasmas.

1998 Conference Calendar Information

Fortieth Annual Meeting of the Division of Plasma Physics, 16-20 November 1998 in New Orleans, LA. The technical sessions will be held at the Fairmont Hotel (conference hotel) Daniel McCarthy, South-eastern State University, is the 1998 Chair of the Local Arrangements Committee.

The **deadline for invited and review speaker nominations is Wednesday, 3 June 1998.** Speaker nomination forms will be enclosed in the Spring DPP Newsletter. Nominations should be sent to:

Saralyn Stewart, The University of Texas at Austin, Institute for Fusion Studies, 26th and Speedway, RLM 11.214, Austin, Texas 78712
phone: 512-471-4378
fax: 512-471-6715

email: stewart@peaches.ph.utexas.edu
and Miklos Porkolab, MIT, 77 Massachusetts Avenue, NW 16-288, Cambridge, MA 02139,
email: porkolab@psfc.mit.edu

The **deadline for abstracts of contributed papers is Wednesday, 22 July 1998.** A subject categories list, together with abstract submission instructions, will be in the Spring DPP Newsletter.

Other Relevant Meetings

1998 Joint April Meeting of the American Physical Society and the American Association of Physics Teachers, 18-21 April 1998 in Columbus, Ohio. There will be two joint plasma physics invited paper sessions (see details on the APS Homepage at:
<http://aps.org/meet/APR98/index.html#program>)

25th Anniversary IEEE International Conference on Plasma Science (ICOPS), June 1998, North Raleigh Hilton, Raleigh, NC. Contact person: John Gilligan, 919-515-3939, email: gilligan@ncsu.edu, website: <http://www.engr.ncsu.edu/departments/ne/ICOPS98.html>.

International Sherwood Fusion Theory Conference, 23-25 March 1998, Radisson Hotel, Atlanta, Georgia. Contact person: James Hanson, Auburn University, email: hanson@auburn.edu, website:
<http://www.auburn.edu/sherwood.conference.html>

Websites to plasma-related meetings

The most comprehensive of these is http://hibp7.ecse.rpi.edu/~connor/ieee/plasma_meetings.html

This list is part of the IEEE Plasma Science and Applications (PSAC) website. A purpose of the list, in addition to informing the plasma community of relevant meetings, is to assist conference organizers in avoiding schedule conflicts. Hence, lists from the past are retained as a guide to the future. Organizers are encouraged to submit information about conferences as early as possible, even if incomplete.

If you are a conference organizer, you are encouraged to submit a descriptive paragraph of up to 100 words, to Brendan Godfrey (b.godfrey@mci2000.com), phone: 937-257-7119. Include:

- Conference name, dates, and location
- Contact name, telephone number, fax number, and email address
- URL, if any, for additional information available on the Internet
- Other pertinent information, such as emphasis areas, special presentations or short courses, and conference hotel.

Brendan requests that you send the information as early as possible, and then provide more information as it becomes available.

Another site, more limited in scope and with a link to the PSAC site, is one maintained by the Weizmann Institute in Israel:
<http://plasma-gate.weizmann.ac.il/CoAPP.html>

This site includes a separate page to send the pertinent information to the person maintaining the list at Weizmann.