

Draft prepared November 28, 2000 by V. Chan (revised 2/01 01, 6/05/01)

Minutes of 2000 Fall DPP Executive Committee Meeting

Hilton Hotel, Quebec City, Canada
Sunday, October 22, 2000

Members Present: Jim Drake, Allen Boozer, Martin Lampe, Miklos Porkolab, Vincent Chan, John Finn, Tom Jarboe, Michael Brown, Joel Fajans, Mark Koepke, Peter Gary, Martin Peng,

Members Absent: Richard Hazeltine, Scott Parker,

Guests: Donna Baudrau, Rejean Boivin, John Cary, Jeff Colvin, Don Correll, Real Decoste, Melissa Douglas, Tudor Johnston, J.B. Lister, Janardhan Manickam, Michael Mauel, Ron McKnight, Warren Mori, Bill Nevins, Martha Redi, Gerry Rogoff, Michael Tendler,

DPP Administrator: S. Stewart

The meeting was called to order at 10:10 AM by Jim Drake who introduced the newly elected members:
Michael Mauel, Columbia University - Vice Chair Elect 2001 (11/2004)
Melissa Douglas, SNL - Member (11/2003)
Warren Mori, UCLA - Member (11/2003)
Bill Nevins, LLNL - Member (11/2003)

Approximately 20% of members voted. Suggestions to increase voting percentage should be sent to Saralyn Stewart.

Review of Action Items from Last Meeting and Endorsement of Future Meetings (Drake)

Real Decoste will provide accounting for DPP subsidy to ICPP after the meeting. Other action items have been completed.

Jim Drake gave an update on an on-going effort to get plasma physics recognized by U.S. News and World Report. The magazine has contacted U. of Maryland for information on plasma physics and plans to do another rating next Spring. Jim and APS officers will visit U.S. News in March 2001.

Mark Koepke submitted a report on clarifying the responsibilities of the Local Chair. The ExCom felt that while the report has suggested ways to resolve present conflicts, it did not define a unique role for the position.

Action Item: Mark will work with Rejean Boivin to specify the role of the Local Chair with input from Jim Drake and Martin Lampe, and to report their recommendations at the next ExCom meeting.

Motion: (Gary/Porkolab)

To endorse the following meeting: Second International Conference on Inertial Fusion Sciences and Applications (IFS2001), Japan - September 9-14, 2001.

Action: Passed (11 Y, 0 N)

Approval of the Minutes of the Spring Executive Committee (Chan)

Motion: (Gary/Brown)

To approve the minutes of the Spring ExCom Meeting.

Action: Passed (12 Y, 0 N)

Secretary-Treasurer's Report (Chan)

This was the first meeting that LCD projectors were made available for all review, tutorial and oral invited sessions. Suggestions for future meetings: Get notice to speakers early (Lampe/Stewart to notify speakers), check synching to MAC computers, and set up a place for speakers to test equipment.

The issue of whether to resume the career workshop for future meeting was discussed. The cost is \$3000 and DPP will have to arrange for speakers. The preference that emerged from the discussion is to continue support for the panel discussion on careers organized by Earl Scime, and to make sure a replacement is identified when Earl steps down.

Similar to last year, a letter was sent to members who renewed their APS membership but allowed their DPP membership to lapse, inviting them to rejoin.

It was brought to the attention of the ExCom that DPP was underrepresented on APS committees. The question of how to increase DPP's representation was raised and discussed. It was reiterated that the DPP nominating committee is responsible for recommending a strong slate of candidates for committee positions.

Significant Motion: (Gary/Lampe)

DPP should seek to have a credible nominee for each APS elected and appointed committee opening.

Action: Passed (11 Y, 0 N).

Noah Hershkowitz has been invited to serve on the APS Task Force on Physicists with Disabilities.

Action Item: Noah will be invited to give a report at the DPP Spring ExCom Meeting and bring up any issue on this subject.

Financial Report: As of 8/31/00, DPP has retained earnings of \$235K and net revenue of \$110K. The Plasma Dissertation Award and Plasma Excellence Award remained fully endowed. For DPP2000, there were 1190 pre-registered, 188 people selected the ICPP box (some ICPP members might not have checked the box), and 506 banquet tickets sold. A revised DPP2000 budget forecast was submitted.

DPP 2000 Meeting Report (Boozer)

Program Committee Report: Around 1500 abstracts were submitted.

Some comments to the next program chair: Regarding mini-conferences, the program chair should solicit new topics, important not to put them in a separate site, and announcements for mini-conference should be sent early to ensure open solicitation. It is up to the program chair to decide what is appropriate for mini-conference versus regular DPP meeting.

Program chair should consider the merit of an invited talk for the Excellence Award, but it is not a requirement. Thesis Award recipient should be offered an opportunity to give an invited talk.

ICPP Report: (Michel Tendler) The joint meeting has worked out very well overall. ICPP and DPP have different rules e.g. ICPP requires publications, which created some friction. ICPP could have more attendees but would require additional subsidy.

(Real Decoste) A total of 389 ICPP papers were submitted including 333 contributed, 41 review/invited and post deadline. There were 333 identified ICPP attendees. The ICPP books of abstracts were distributed to all authors. 51 registration waivers were granted and 35 rejected, and 35 travel grants totaling \$17K were approved. The ICPP info-line on the web was a useful resource for APS attendees as well and DPP should consider setting up its own line in order to be a presence at the international level.

Action Item: Boozer/Chan/Baudrau will come up with recommendation on how to reach out and keep contact with non-members who attended past meetings. Saralyn Stewart will get email list of ICPP participants from Decoste.

Action Item: Mauel/Koepke will work with Chan to prepare rules for waivers and advertise it for next meeting. The experience and advice of Tendler will be sought regarding the merits of applications.

APS Meetings Department Report (Baudrau)

Donna Baudrau reported on site search for DPP2005. Both Portland and Tucson facilities were found to be inadequate. The quoted hotel rates for Phoenix hotels were very high. Salt Lake City requires the use of two sister hotels, but the bigger hotel does not have adequate facilities. Denver has much improved facilities.

Motion: (Porkolab/Peng)

To approve Denver as the site for DPP2005

Action: Passed (10 Y, 2 N)

The ExCom will revisit the issue of access for handicapped and sign language at the next meeting.

International Cooperation (Porkolab)

Miklos Porkolab reported that DPP was successful in getting 6 out of 22 invited talks. It is important for DPP to be represented at the paper selection committee meetings.

EPS has requested that DPP reciprocate by providing similar number of slots for invited talks. This would be against the DPP guideline of not having quotas. For future meetings, the ExCom asked that the EPS representative encourage more EPS submittals. The DPP program chair should be sensitive to EPS submittals for invited talks, but no quota, and none would be expected from EPS. DPP invited speakers at EPS should be made aware of EPS' preference to submit papers for publication.

Joe Lister/Fritz Wagner was asked to inform Lampe soon the name of the next EPS representative. EPS2001 will be at Funchal-Madeira, Portugal and EPS2002 at Montreaux, Switzerland.

Education, Outreach and Physics Support

(Don Correll) 145 teachers signed up for the Quebec City Teachers Day/Mini-Expo with 90% attendance including participation from Euratom. Education and Outreach has raised \$6290 from institutional and individual contributions. The six new distinguished lecturers for 2000-2001 are Paul Bellan, Greg Hammett, Robert Merlino, Bruce Remington, Mordy Rosen and Amanda Hubbard. GA will administer the OFES grant for lecturers with no overhead cost. In future, APS has requested final lecturer list to be submitted by June 1 (instead of September 1).

Action Item: Don Correll will provide Ron McKnight a record of who took what trips in the lecturer series.

(Rejean Boivin) Ten groups contributed exhibits at the Mini-Expo Tuesday afternoon. The contributions of European colleagues and 30 French speaking volunteers in providing written and verbal translations were specifically acknowledged. A TV special and a press release were planned for this meeting.

(Mark Koepke) DPP has made a three-year commitment to fund the Pittsburgh Science Fair Prize of \$500. The first year was paid but DPP did not receive a request this year. Koepke received a report this year.

Action Item: Koepke will find out whether last year's prize got awarded and how DPP can get involved in judging.

(John Cary/Jeff Colvin) John Cary is the new chair of the Public Information Committee. Six plasma science news topics were put on the APS website. Jim Glance's N.Y. Times article on magnetic reconnection mentioned the NSTX experiment.

(Colvin) Gerry Rogoff initiated "Scientists Communicating with Media" which was successful launched at the IEEE meeting. DPP decided not to have it in Quebec City because of concern in attracting the U.S. press to a meeting outside the country. Colvin has submitted a proposal for the Long Beach meeting. There will be four panelists, like at the IEEE meeting, which included a professor of journalism, a TV (CNN) reporter, a newspaper reporter and a magazine (U.S. News) reporter. This would require a favorable time slot in the meeting (5-6.30PM) and \$1-2K of travel cost.

Motion: (Porkolab/Brown)

DPP will set aside \$2K to support this initiative

Action: Passed (12 Y, 0 N).

(Gerry Rogoff) The Coalition of Plasma Science sponsored a talk on K-12 education by David Newman at the Capital that went well. The next speaker will be Franklin Chang-Diaz, an astronaut with plasma background. CPS continued to support the plasma science writing award idea, and would consider doing it if DPP decides not to. Mike Brown reported that according to Judy Franz, APS preferred to have a broader science-based writing award and was concerned about the proliferation of awards. Other commented this award might have little impact on the quality of science writing, and APS awards are for advancement of science hence it's more appropriate for CPS to give the award.

Motion: (Gary/Fajans)

That DPP will not move ahead with a plasma science writing award.

Action: Passed (10 Y, 1 N, 1 A)

(Ron McKnight) The NSF/DOE partnership in Basic Plasma Science and Engineering has been in existence since 1997. In FY2000, 18 grants were started or continued and 13 Junior Faculty Awards were given. The budget for FY2001 is \$4.24M for research and \$990K for junior faculty development. The matching amount from NSF for research is \$2.75M. The Information Technology RFP is scheduled to come out in November and will include some funding for science.

Action Item: Jim Drake will send announcement to DPP members when it' becomes available.

DPP Production and Advertising (Stewart)

Pervasive Plasmas, CPS brochure and news articles are now on the DPP website.

John Knauer is the new chair of the Publications Committee.

Action Item: Knauer will report on thesis publication at the next ExCom meeting.

Future Meetings (Lampe)

Martin Lampe participated in the APS2001 April Meeting program committee. Three DPP talks (Dubin, Bollinger, Goree, Joyce, Newman) were proposed and accepted for a symposia on "Self-Organization in Plasmas" and Drake is scheduled for a plenary talk on magnetic reconnection.

Tom Katsouleas is the Local Chair of the DPP2001 Long Beach Meeting. Three women have agreed to serve on the program committee. The invited and review talk schedule will be simplified into one morning and one afternoon session, and tutorial talks are planned for one hour each. A survey on the quality of the meeting was distributed at the registration desk in this meeting. Idea to make next meeting more attractive, such as banquet on the Queen Mary was being considered.

Lampe put forth a proposal to co-locate the DPP and Gaseous Electronic Conference (GEC) in the future. DPP and GEC will have separate meeting structures but share the same conference space. Martin will check with Donna Baudrau to see if there is space in 2003-04. Since GEC is part of APS, the APS Meetings Department should do the organizing.

Motion: (Lampe/Porkolab)

DPP supports a joint meeting with GEC and authorize Martin Lampe to explore and report back at the Spring ExCom meeting.

Action: Passed (12 Y, 0 N).

Prize and Award Reports

Action Item: Chan will contact Maxwell Laboratories for continuing support of the Maxwell Prize and will report at the next ExCom meeting

(Brown) APS has given special approval for the DPP Student Poster Award. The plan is to pick 20 winners for certificates and publicize it in a news item somewhere.

Motion: (Brown/Gary)

Brown will come back with a proposal next Spring to be voted up or down.

Action: Passed (7 Y, 3 N, 1 A)

Site and Venue for 2001 Spring Committee Meeting (Boozer)

Boozer raised the possibility of meeting by conference call and/or email. Objections to that include the DPP by-laws require meeting twice a year, it's important to meet face to face and it's a good time to lobby if the meeting is in Washington, DC.

Motion: (Gary/Peng)

To conduct the Spring ExCom meeting via email

Action: Failed (3 Y, 7 N, 1 A)

Committee Reports

Women in Plasma Physics - Martha Redi reported that the committee has been selected and will monitor the progress in DPP regarding the representation of women in DPP membership and measures of professional success such as invited talks. The chair of the committee will provide status reports to DPP and suggestions to proactively promote women in plasma physics for recognition.

A new award honoring Katherine E. Weimer was proposed by PPPL (Manickam). The award will be given to women in plasma science who are in the early stage of their careers (up to 2 years after Ph.D.). PPPL has volunteered to take the lead in soliciting funds to endow the award and asked DPP to provide matching fund. Finn suggested expanding the eligibility from 2 to 10 years after Ph.D. Fajans was concerned the pool of candidates might be too small. Manickam responded that the award might not be given out if there is no suitable candidate. Redi reported that the response from women plasma physicists was very positive.

Action Item: An ad hoc committee, Gail Glendinning (Chair), E. Zweibel and J. Fajans, was appointed by J. Drake to evaluate (1) Whether it is appropriate to have a special award for women in plasma physics, and (2) Is Weimer the appropriate person to honor?

Jill Dahlburg submitted a written report for the Nominating Committee.

Lampe reported for the APS Fellows Committee. It was noted that four women members were nominated and one elected.

The Publications Committee submitted a written report. Dave Forslund will no longer serve on the committee.

Other Items

Action Item: The Chair will inform Donna Baudrau that the ExCom would like to receive two viable options for meeting sites in the future. The information should be emailed to ExCom members several weeks before the meeting.

Drake got a message from APS asking for the division's help in suggesting names for nomination to government positions in the new administration.

The ExCom thanked Jim Drake for his leadership during his tenure.

The meeting adjourned at 6:20PM.