

Draft prepared June 14, 2004 by V. Chan

Minutes of 2004 Spring DPP Executive Committee Meeting

Adam's Mark Hotel, Denver, Colorado

Saturday, May 1, 2004

Members Present: Amitava Bhattacharjee, Cris Barnes, Jim Drake, Mike Mael, Vincent Chan, David Hammer, Jill Dahlburg, Melissa Douglas, Herb Berk, Cliff Surko, David Newman

Members Absent:

Guests: Donna Baudrau, Lee Berry, Alan Chodos, Judy Franz, John Kline, Tom McIlrath, Vinaya Sathyasheelappa, Nermin Uckan

DPP Administrator: Saralyn Stewart

David Hammer called the meeting to order at 10:15 a.m.

There was no further discussion on the minutes for the Fall 2003 ExCom Meeting.

Motion (Mael/Barnes): Move to approve the minutes of the Fall 2003 ExCom Meeting

Action: Passed (yes 9, no 0).

Chair's Report and Review of Action Items (Hammer)

David Hammer reported that with the help of David Cooper (APS-Office of Public Affairs Science Policy Fellow), a campaign letter to increase NSF and DOE Office of Science budget has been drafted and put on the APS website. DPP members are able to access the letter electronically, make changes and send the customized letter to their congressional representatives via the Internet.

Action: A remaining item from two meetings ago is for Peter Gary to work with APS in making ethics issues better publicized. The Chair will remind Peter to press on with this. Peter should draft a message to DPP members stating DPP's support of the position of APS and to add a link on the DPP web site to the APS ethics issues web page.

No positive progress has been made in the visa application problem with foreign scientists and students enrolling in U.S. universities, traveling to the U.S. for scientific collaborations or attending conferences in the U.S. Collection of data on cases of hardship was sent to Helen Quinn, APS President, at her request, who in turn has submitted the information to the President's Science Advisor, Jack Marburger. No action has been taken so far. The APS is continuing to work with the State Department on this problem. The APS contact person is Amy Flatten (flatten@aps.org), Director of International Affairs, replacing Irving Lerch.

The APS Council has approved the formation of a new Topical Group on Quantum Information, Concepts and Computation.

Mike Mael reported the annual Washington Outreach activities organized by a number of fusion institutions was well attended. He sensed that the support for fusion was stronger than it has ever been. However, there was a general gloom over the budget situation and the concession that it would be hard to find additional funding for FY05. Melissa Douglas also participated in the APS organized visits to Congress during the APS Convocation. A suggestion for future discussion is how to influence budget decisions on a longer timescale.

Jill Dahlburg added that the National Nuclear Security Administration and the Department of Defense science funding are under an entirely different administrative structure. DPP needs to find a way to have a dialogue with the DOD decision makers. DOD has recently commissioned a panel, to be formed by the

National Research Council, to make an assessment to determine defense related science and technology. DPP should attempt to place someone on the panel hearing and to make a presentation.

Action Item: Dahlburg and Drake will work offline to figure the strategy of a message involving APS (at Judy Franz's level) to influence the panel's recommendation.

Secretary-Treasurer's Report (Chan)

As of 3/31/04, DPP has retained earnings of \$431,803 and current period earnings/(loss) of (\$3146) for a total net asset of \$428,657. Net meeting revenue and other division income, subtracting DPP operating expenses, resulted in a \$48,464 increase in reserve.

A financial forecast for the 2004 DPP Meeting was presented and discussed.

Motion (Chan/Mauel): Move to keep the 2004 DPP Meeting registration fees the same as last year.

Action: Unanimously passed.

DPP has 2536 members, which is 5.98% of APS membership.

The revised DPP Bylaws was voted on by the DPP membership on our website. There were 278 yes votes and 2 no votes; hence the Bylaws are officially approved.

Motion (Surko/Drake): Move to ensure we have the latest version of the Bylaws on the DPP website and that version is sent to APS.

Action: Unanimously passed.

Councilor's Report (Drake)

Martha Redi did a good job working with Jill Dahlburg to coordinate the material for DPP nominees. As a result, DPP has several members, including Bill Dorland and Ray Fonck, on the slate for POPA and other APS committees.

Action Item: The Chair will send a message to DPP members urging them to vote on the APS elections.

The APS Council's guidance regarding the foreign scientists' visa application issue is to be supportive of APS actions and continue to provide material supporting the effort. The DPP Chair should continue to interact with the APS President.

Action Item: Cris Barnes has volunteered to contact Amy Flatten to explore the best way to provide input regarding visa problem.

APS Council has passed a statement encouraging subordinates to be co-authors on papers in which they have played a significant role, and discourage the inclusion of supervisors or senior scientists on papers in which they did not play an important role.

The question of whether DPP should create an ombudsman for ethics issues was discussed.

Motion (Drake/Chan): Move that Hammer will form a committee to report at the next meeting a recommendation on the DPP's response to the ethics issues.

Action: Passed (yes 7, abstained 3) **Endorsement of Meetings**

Motion (Barnes/Douglas) Move to endorse the 2005 International Sherwood Fusion Theory Conference.

Action: Passed (yes 8, no 0).

Committee Reports

Herb Berk reported for the Nicholson Medal subcommittee. The subcommittee has recommended a number of changes and DPP has unanimously approved these changes for submission to the APS Executive Board for review. The APS Executive Board has approved the proposed criteria but altered the composition of the selection committee. DPP will appoint a single non-voting member to the selection committee. The voting members of the committee will consist of the previous year winner along with four members from APS

divisions, topical groups and forums each serving two-year terms. According to Alan Chodos, DPP will oversee the selection process of the medal. DPP is responsible for the financial support up to 2014 using its operating funds although University of Iowa has agreed to pay for the award expenses for next year. DPP is also responsible for raising the endowment funds.

DPP thanked Herb Berk and the Nicholson committee for their effort.

Motion (Surko/Dahlburg): Move to endorse the APS Executive Board's changes to the proposal.

Action: Passed (yes 10, no 0)

Motion (Surko/ Newman) Move that the DPP Chair appoint the DPP member to the Nicholson Medal selection committee. The appointment will have a three-year term that is renewable.

Action: Passed (yes 9, abstained 1)

Mike Mauel reported on a proposal concerning the Excellence in Plasma Physics Award and the Maxwell Prize. The proposal was prepared and submitted by UCLA working with Mike Mauel and Darlene Logan, APS Director of Development. It proposes to rename the Excellence Award to the John Dawson Award for Excellence in Plasma Physics in honor of John Dawson, which will be jointly sponsored by DPP and UCLA. UCLA will establish a minimum endowment of \$50k for this purpose. Since the Excellent Award is already fully endowed with a reserve of \$136K, Mike also proposed the possibility of transferring \$80K to the Maxwell Prize fund, which together with the \$5K per year sponsorship from General Atomics (GA) would allow DPP to increase the Maxwell Prize annual award to \$10k starting next year. Herb Berk and Jim Drake expressed a preference to wait until the Maxwell Prize is fully endowed before raising the prize money to \$ 10K. It was suggested that DPP should complete negotiations with David Baldwin at GA about joint sponsorship of DPP and GA for the Maxwell Prize, and consider intermediate prize money at \$7,500 to see if there is any issue before raising the prize money to \$10K.

Motion (Drake/Dahlburg): Move to strongly endorse changing the name to the John Dawson Award for Excellence in Plasma Physics, and for Mike Mauel to work with all parties concerned to finalize the UCLA sponsorship details for the Award.

Action: Passed (yes 9, abstained 1)

Action Item: To convey to Mike Mauel that the ExCom is in general favorable to his proposal to transfer \$80 from the Excellence Award to the Maxwell Prize. Mike will discuss with General Atomics about joint sponsorship of the Maxwell Prize and to come back in the fall with a proposal to the ExCom.

Lee Berry reported for the Coalition for Plasma Science on its plan to establish a Plasma Science Award at the Intel International Science and Engineering Fair. CPS will fund the \$1000 prize money but will need DPP assistance to provide the judges. Alan Chodos suggested that the initiation of this prize be tied to the 2005 Year of Physics.

Motion (Barnes/Newman): Move to endorse CPS in establishing a Plasma Science Award at the Intel Science and Engineering Fair starting in 2005, and for the DPP Chair to appoint a person responsible for providing the judges for the award in 2005, with the appointment renewable for 2006 and 2007.

Action: Passed (yes 11, no 0)

Vinaya Sathyasheelappa is the APS coordinator for activities related to the 2005 World Year of Physics. A new website www.physics2005.org has been established. He gave a brief description of some of the activities being planned.

Action Item: A link to www.physics2005.org from the DPP website should be established.

Melissa Douglas reported for the Fellowship Committee chaired by Bill Kruer. There were 27 nominations and 8 deferred from last year, including 4 women and 5 foreign members. The final APS fellowship candidates will be selected by May 14.

Bill Heidbrink submitted a written report for the Maxwell Prize Committee. He reported two new nominees have been deferred to next year because of conflict of interest of two committee members. This action was suggested by Alan Chodos at APS, and approved by the Maxwell committee.

John Kline (LLNL), chair on the Committee for the Concerns of Young Scientists, introduced a new effort he is spearheading to encourage more active participation of young scientists in DPP activities, such as organizing an invited talk session of young scientists. It is suggested that the Doctoral Thesis Committee should nominate candidates for invited talks. Also the APS should set up sessions for young scientists to talk to each other and to funding agencies.

David Hammer commended Martha Redi and her selection committee for their diligence in selecting a strong slate of candidates for APS committees and DPP officers.

Gail Glendinning's report expressed concern that the reception for Women in Plasma Physics is now open to everyone and has changed in nature.

Action Item: Gale Glendinning will come back to the ExCom with a proposal on how to fix the WIPP reception if the committee feels it needs to be fixed.

Education, Outreach and Physics Support

Rick Lee was not able to attend the meeting. He has been overburdened with the Education and Outreach tasks and asked for help in developing the list for the Distinguished Lecturers' Program and to send the information out in time to impact the fall seminar series.

Action Item: David Newman has volunteered to take over that task.

Action Item: In order to enable more teachers to attend the Teachers Day at DPP 2004, DPP will discuss with Rick and set aside \$3000 to pay for substitute teachers.

Annual Meeting Contracts and Future Meeting Sites (Baudrau)

It was pointed out that the convention center for DPP 2004 and the conference hotel are on an island, while all other hotels are not. It is necessary to have bussing and water taxis available for attendees staying at the other hotels. Jill Dahlburg will work with APS Meetings Department to decide on a transportation schedule. Additional expenses will have to be budgeted.

DPP/APS Meetings (Dahlburg/Douglas)

Jim Drake reported on the latest development of the Sherwood Conference's participation in the 2006 APS April Meeting in Dallas, Texas. The Sherwood ExCom has recently expressed concern about the co-location because of the much higher registration fees among other reasons. Jim Drake will continue to negotiate with the Sherwood ExCom.

Motion (Newman/Berk): Move to enthusiastically encourage the Sherwood Conference through Jim Drake to co-locate with the APS April Meeting in 2006.

Action: Passed (yes 10, no 0)

Jill Dahlburg suggested that in the future the Plasma Astrophysics Topical Group should coordinate with DPP in planning the program at the APS April Meeting, and that DPP should make its program at the April Meeting attract attendees for its scientific value and not just for its outreach. Dahlburg suggested that DPP could invite the previous years Maxwell Prize recipient as a speaker at the APS April Meeting. This was done at the 2004 APS April Meeting.

Dahlburg reported that all oral talks at the DPP 2004 meeting would have LCD projectors for the first time, including contributed talks.

For DPP 2004, Dahlburg, Uckan and Stewart will visit Savannah in two weeks to identify issues that need to be resolved. The Rosenbluth Session will be on Wednesday morning.

Motion (Mauel/Surko) Move to instruct Herb Berk and the Rosenbluth session subcommittee to get the best speakers for the session and if needed obtain ExCom approval to bypass the 3-year invited talk rule on an individual case consideration.

Action: Passed (yes 7, abstained 2)

Melissa Douglas reported the APS is proposing to reduce the number of talks for each session at the 2005 April Meeting from 5 to 3 to allow more time for breaks and lunch. She is concerned this may cut down the number of invited talks for DPP. The Beam Division is willing to share a session. She is also thinking about organizing contributed oral sessions to get more people to attend and participate in other sessions.

Scott Robertson is the Local Coordinator for the DPP 2005 meeting in Denver.

Improvement on DPP Website (Stewart)

Saralyn Stewart proposed that DPP switch to the APS on-line balloting system for the 2004 DPP ExCom elections. The cost will be a one-time fee of \$600 to DPP.

Motion (Stewart/Newman) Move to use the APS web site on-line balloting system in 2004.

Action: Passed (yes 10, no 0)

APS Officers Report

Tom McIlrath reported APS had a good year financially and the net revenue turned out positive mainly from publications and meetings. Publication of APS journals has been partially transferred from AIP to Beacon, an outside printing house to lower the costs.

Judy Franz stressed the role of DPP at the April Meeting depends on how many DPP members attend the meeting. The number of sessions assigned is based on the number of attendees from the division. The April Meeting is not the main meeting for most groups. It exists to bring the different group together. Helen Quinn is a facilitator for long-range planning and there will be lots of opportunities to feed in to this. DPP should respond to Quinn's emails this year.

Miscellaneous

Godyak and Koepke are the IUPAP representatives to DPP.

Motion (Surko/Newman) Move for DPP to deliver a note of thanks to the owners of General Atomics for their support of DPP in the area of Education and Outreach and for sponsorship of the Maxwell Prize.

Action: Passed (yes 9, no 0)

Next ExCom Meeting

The next meeting will be held on Sunday, November 14, 2004 at the DPP Annual Meeting at the Westin Hotel in Savannah, Georgia starting at 10:00 a.m.

Meeting adjourned at 5:00 P.M.