

Draft prepared December 27, 2002 by V. Chan

Minutes of 2002 Fall DPP Executive Committee Meeting

Rosen Centre Hotel, Orlando, Florida

Sunday, November 10, 2002

Members Present: Martin Lampe, Mike Mauel, David Hammer, Vincent Chan, Jill Dahlburg, Richard Hazeltine, Bruce Cohen, Melissa Douglas, Peter Gary, Warren Mori, Martin Peng, Cliff Surko, Mike Zarnstorff

Members Absent: Allen Boozer, Bill Nevins, Richard Petrasso

Guests: Donna Baudrau, Lee Berry, Amitava Bhattacharjee, Martin Blume, Don Correll, Jim Drake, Judy Franz, Walter Gekelman, Gail Glendinning, Bill Heidbrink, Noah Hershkowitz, Steve Knowlton, Mark Koepke, Tom McIlrath, David Newman, John Willis

DPP Administrator: Saralyn Stewart

The meeting was called to order at 10:10 AM by Martin Lampe.

Election Results (Lampe)

Martin Lampe announced Jill Dahlburg is the newly elected 2003 vice-chair, Jim Drake is the new division councilor succeeding Richard Hazeltine, Amitava Bhattacharjee, Bill Heidbrink and David Newman are the incoming ExCom members. 558 electronic votes and 11 paper votes were received.

Review of Action Items (Lampe)

1. Posting of faculty openings has not yet been done according to Mike Mauel.
2. A Maxwell Prize endowment committee is being formed. It will consist of the four past, present and future division chairs: Lampe, Mauel, Hammer and Dahlburg, and additional members with industrial connections and at least one Maxwell Prize winner. The committee should be ready to start in January, 2003.
3. An evaluation of the placement center will be conducted by Mike Mauel at this meeting.
4. Mike Mauel, Donna Baudrau and Noah Hershkowitz will work together to decide on ADA needs for future meetings.
5. Vincent Chan will communicate to Jim Knauer to begin thesis list. It should contain the following information: name, subject title, link to URL containing the thesis, and identification of woman/minority.
6. Martin Lampe has discussed with National Academy of Science, plasma science members to move forward with nomination of new members. Roy Gould and Ken Fowler are willing to push for them and Marshall Rosenbluth is supportive.

Secretary-Treasurer's Report (Chan)

Motion (Surko/Lampe): To approve the minutes of the Spring ExCom Meeting

Action: Passed.

As of September 30, 2002, DPP has retained earnings of \$276,390 (approximately \$22,000 down from same period last year) and current earnings of \$95,558 (DPP02 pre-registration) for a total net asset of \$371,949. A revised financial forecast for the DPP02 meeting was presented. Approximately 1450 registered paid attendees would be needed to break even for this meeting. There are 38 complimentary registrations and 20 undergraduate registration waivers.

Current membership of DPP is 2,493, which is 5.85% of APS membership. On-site membership registration is set up at this meeting. APS has a new membership database and on-line system to join APS.

Committee Reports

(Diamond/Manheimer) The Maxwell Prize committee expressed concern about the deterioration of the quality of nominations. There is a general sense of apathy toward the prize, some of the nominations were sloppily prepared, and there is a lack of good experimentalist candidates. Many nominations also have outdated recommendation letters.

It was also pointed out that there were only three new nominations for the doctoral thesis award.

Action Item: The chair will write a letter to the membership regarding the prestige of the DPP prize and awards and encourage them to take all nominations more seriously. He will point out that the Maxwell Prize could be shared by up to three candidates, which should encourage more nominations for experimentalists.

(Glendinning) Gail Glendinning reported there were nine nominations for the Weimer Award and a strong list of candidates. Martha Redi reported that 2/3 of the funds needed has been raised and a website has been set up at PPPL for the Weimer Award. DPP has decided on \$2K for the award and up to \$1K for travel.

John Willis commented that DOE has an issue with awards just for women. It might be able to support the Weimer award if it also considers men working with women. This however might conflict with the objective of an early career award.

(Douglas) Melissa Douglas reported the Student Poster Award committee is aiming at a 10% award rate. With 38 entries, 3-4 awards will be given out at this meeting. Each recipient will receive an engraved plaque (\$50 each). At the spring meeting, the ExCom had approved a \$100 cash award for each recipient. Melissa feels a monetary award would not be appropriate and would entertain other suggestions.

Motion (Mauel/Surko): Beginning in 2002, free banquet tickets will be given to the recipients of the Student Poster Award. They will be seated with the judges and specifically acknowledged at the banquet.

Action: Passed.

Gail Glendinning is the incoming chair of the Women in Plasma Physics committee. The ExCom highly appreciated the contributions and service of the outgoing chair, Martha Redi. The DPP02 bulletin left out the Women in Plasma Physics reception in the satellite events announcement and should be corrected in the future.

Earl Scime has asked the ExCom to find a replacement for him as chair of the Young Scientists Committee.

Mike Mauel commented that the Public Information Committee has done a great job with the press releases and posting them on the website. More effort should be done in informing people of the website and making it more visible.

Motion (Zarnstorff/Cohen): The press releases should be posted prior to the annual meeting on both the APS and DPP websites. This should be part of the website improvement tasks.

Action: Passed.

Dave Hammer reported the DPP Fellowship Committee had submitted nominations to the Forum for International Physics (FIP) matching Foreign Fellows Program as done in the past, but the nominations were not considered this year because a new system is now in place that is intended to increase the number of foreign fellows in each unit. The APS has decided that the former matching program system of transferring foreign nominees for consideration to the FIP was not serving the intended purpose.

Currently each unit receives an annual allocation of Regular and Alternate nominees. To encourage consideration of foreign fellows, the APS has revised the matching process such that for each two foreign

fellows that a division nominates, that division gets an additional fellow, with a limit of up to three additional fellows.

Dave Hammer wants to strongly encourage committee members to solicit candidates from women, minorities and under-represented groups such as small universities. The chair's letter to members on prize and awards should also refer to APS fellowship nominee solicitation.

Action Item: Mauel/Dahlburg will write a separate letter to the membership on the importance of preparing a strong nomination package for APS fellowship. Guidelines will be broadcast on the DPP website.

Education, Outreach and Physics Support

Martin Lampe represented the ExCom in expressing a vote of thanks to Don Correll who is retiring as chair of the Education and Outreach committee after more than 3 years of service. A special plaque was presented to Don.

Don Correll reported on the Teachers Day and Plasma Science Expo activities this year. About 100 teachers are expected for the Teachers Day and 1200 students for the Expo. The DPP E&O program continues to have strong support from both the Office of Fusion Energy Science and the Defense Program of U.S. Department of Energy. This year's local host for the education and outreach activities is James Morgan (PPPL), in 2003 the host will be Tom Richmond (ORNL). MIT is proposed to be the host for Savannah in 2004 and GA for Denver in 2005.

Don would like to see the distinguished lecturers get additional recognition, for example, special mention at the banquet or certificates to recognize them. ExCom suggested exploring ways to get feedback from the universities where lecturers have visited. DOE would also be interested in the feedback. A suggestion to the lecturers is to prepare informational material to distribute at the lectures, such as brochures to leave with the audience. It is also noted that the lectures are now available to all universities, not only to small universities.

Mike Mauel reported that the new plasma outreach brochure project has been delayed. He plans to start a committee soon, which will include himself, Cliff Surko, and Warren Mori. A budget and the proposed content will be presented at the April ExCom meeting.

Update on Coalition for Plasma Science (Berry)

Lee Berry reported the CPS has established a website and articles on plasma topics are welcome. Articles and information to be posted on the website should be submitted to Lee.

Because of difficulty in finding an appropriate room, the capital hill luncheon event was cancelled last March. Lee hopes to find a room next January through the ORNL congress liaison and expects 70-80 staffers to attend.

CPS now has a couple of international members, Quebec Canada and South Korea.

CPS is looking into establishing topical awards and international science fair participation involving plasma science.

Councilor's Report (Hazeltine)

Richard Hazeltine reported the release of APS boost phase missile defense study report has been delayed, now targeted for December.

APS has noted that the fellowship selection process as a whole has not done a good job. The process missed one of the Nobel Prize winners in the last round of Nobel Prizes. As a consequence APS has implemented a new system.

APS has serious concern about the scientific ethics issue, prompted by recent events at Lucent Technologies. It has asked the Panel on Public Affairs to research this issue and come up with recommendations. APS publications are also proactively identifying potentially fraudulent publications and will set up a new system of dual process for authors/institutions to respond.

Action Item: DPP should review APS ethics policy to see if we need to take action.

Site Selection for Future DPP Meetings (Lampe)

The availability of only one conference hotel, the Rosen Centre Hotel, at a rate that is substantially above the government GSA rate is a major issue for this meeting. This is compounded by the availability of plenty of much cheaper hotels nearby.

Donna Baudrau explained that the strategy in negotiating with the hotels in the past has been to get as much use of the hotel facilities for free and to have assurance for a reserved block of rooms several years in advance of the meeting. The trade-off is higher room rates. Hotels tend to bundle higher rate with large groups because of the higher overhead costs in serving a large group. Also, the room rate this year was negotiated at a time when the economy was much better, hence was based on a higher inflation rate.

John Willis commented that DOE has for the first time become aware of the significance of this issue. DOE would much rather pay for meeting costs through the registration fees than higher room rate. As long as hotel rate is within 125% of GSA rates, he has no problem with having meetings in first tier cities.

There is general consensus with the ExCom that the negotiation strategy should be modified toward paying for use of the facility and negotiating the headquarters hotel rates close to the government GSA rates. A target budget of \$100K is suggested for use of the facility. In addition, there should be less expensive hotels available for some attendees.

Long-term (2007 and beyond) recommendations:

- Second tier cities acceptable if easily accessible by air
- Week before Thanksgiving is acceptable
- Donna Baudrau will come back with list of hotels for 2007
- Hotel rates should be at 125% of GSA rate or lower, sliding scale should be used in distributing room blocks and we can assume 2/3 of the attendees will stay at the headquarters hotel, except for very expensive cities.

Near-term recommendations:

For Albuquerque

- Offer to pay for meeting space and negotiate a reduced rate at the Hyatt
- Check cost of conference center

For Savannah

- Negotiate with four hotels to reduce rates and reduce the number of rooms at the more expensive hotels
- Check cost of conference center

2002 Orlando Meeting (Mauel)

Mike Mauel thanked everyone who contributed to organizing this meeting, particularly Donna Baudrau for negotiating the government rate at the Rosen Centre Hotel, and Saralyn Stewart and Steve Knowlton for their assistance to the program committee.

There are two special sessions at this meeting honoring Harold Furth and John Dawson, and three mini-conferences chosen based on interest, topicality and outreach.

\$5K of travel grants and registration waivers have been provided to attendees both for the main conference and the mini-conferences.

Dave Hammer would like to get feedback/comments on what contributions people who receive waivers are making to the meeting. Mini-conference attendees who do not wish to stay for the whole meeting may take advantage of the one-day registration available at this meeting. Waivers should be used judiciously to avoid multiplicative effects on the number of waivers.

30th EPS Conference, St. Petersburg, Russia, June 7-11, 2003 (Mauel)

Mike Mauel is the DPP representative on the program committee for this meeting. Martin Lampe will be the representative at the next meeting.

The St. Petersburg meeting is fusion oriented. Mike has nominated 8 speakers. It is important for the DPP representative to promote the nominated talks to the other program committee members.

APS 2003 April Meeting (Hammer)

DPP has been allocated two invited paper sessions by APS to entice DPP participation.

Dave Hammer submitted suggestions for invited and plenary talks to the APS April Meeting program committee in September. Katherine Gebbie, representing the Committee on Minorities, offered an additional 1/2 session if we have suitable minority speakers, and Judy Franz contacted the Committee on the Status of Women in Physics on our behalf to see if the other 1/2 session might be available from them (for women speakers); that also came through. Session topics planned for the resulting three invited paper sessions include physics basis for burning plasma experiments, high energy density physics and laser-plasma interaction. 13 invited speakers and one plenary/public policy speaker are planned.

Amitava Bhattacharjee proposed having distinguished lecturer speakers at the April Meeting. Jill Dahlburg suggested he bring this up again at the next ExCom meeting.

It is noted that DPP is not listed on the poster announcement of the April Meeting for the second year in a row. Judy Franz apologized for the error. DPP should make sure this error is corrected for 2004.

The Sherwood Fusion Theory Executive Committee has voted to consider a trial co-location with an APS April Meeting after the details are fully defined. Martin Lampe and Jim Drake will attend the Sherwood ExCom meeting in Orlando to discuss how to co-locate. Martin will also discuss with Judy Franz how to make this work.

DPP2003 Program Committee (Hammer)

Dave Hammer reported that the program committee is in place for 2003. An effort has been made to recruit members outside of the usual circle of scientists.

ExCom will leave it up to the program committee to decide the appropriateness and method to honor deceased members on a case-by-case basis.

Motion (Hammer/Mauel): To establish as an annual activity for the chair, chair elect and vice chair to write an annual report of their experience and perspectives during their service as officers, to be passed on to future officers as corporate memory. The report is to be distributed at the authors' discretion.

Action: Passed.

Other Items

Martin Lampe recused himself in the discussion of the planned termination of the Office of Naval Research Plasma Physics Program (ONRPPP). Mike Mauel chaired this discussion.

Motion (Surko/Cohen): DPP 2003 chair will write a letter, on behalf of the ExCom, to ONR (Admiral J. Cohen) to articulate the important impact of the reduction of technical knowledge and personnel due to termination of the program.

It was commented that the disappearance of this program is etching away the foundation on which fusion is built. The community needs to urge the National Science Foundation and ONR to sustain their roles in supporting basic plasma science.

Chuck Roberson, the manager of the ONRPPP, suggested DPP work with him to see what can be done. The ExCom favors this action and no vote was taken.

Noah Hershkowitz gave a report from the disabilities oversight committee. Items noted include: meeting rooms should have seats reserved for disabled persons, overhead projectors need to be at the correct level to operate when a speaker is in wheel chair. Noah commented that he had indicated in his registration that he is disabled, but he was not contacted by APS. Judy Franz injected that this procedure was only recently implemented for the 2003 APS March and April meetings. A more detailed report will be forthcoming from Noah.

Action Item: Add Noah's report and check list to the DPP web site.

Improvement on DPP Website (Chan/Stewart)

Ideas for improvement of the DPP website have been solicited from the membership. DPP is now ready to move forward with website improvements.

Motion (Chan/Surko): To approve \$2K to implement the suggested website improvements. John Cary and Saralyn Stewart will be responsible for the task. They will proceed with improvements and a new web page design that will be reviewed and approved by DPP officers.

Action: Passed.

Action Item: Chan will confirm with John Cary regarding taking on the task.

APS Officers Report

Tom McIlrath reported that the APS is financially healthy and that gives APS stability. China recently joined the world trade organization and sent \$1M to APS for journals. Martin Blume has been Editor in Chief for 6 years. Within 5 years journal print distribution will disappear.

Judy Franz is urging all units to discuss "how to educate young scientists". Lampe agrees to add that topic to the agenda for the spring ExCom meeting. APS has a hot line for receiving comments about misconduct in journal publication. APS has publishers insurance.

Next ExCom Meeting

Mike Mauel thanked Martin Lampe for his tenure as chair of the division. The next meeting will be held on April 5 at the APS April Meeting at the Marriott Courtyard Hotel in Philadelphia.

Meeting adjourned at 5:20 PM.

Respectfully submitted by,
Vincent Chan
DPP Secretary-Treasurer