

## **2006 Spring DPP Executive Committee Meeting**

*Hyatt Hotel, Dallas, Texas*

Saturday, April 22, 2006

Members Present: Melissa Douglas (teleconference), Steve Allen, Christina Back, Cris Barnes, Herb Berk, Vincent Chan, Jill Dahlburg, Jim Drake, Ray Fonck, Martin Greenwald, Ian Hutchinson, David Meyerhofer, Fred Skiff, François Waelbroeck

Members Absent: Edmund Synakowski

Guests Present: Alan Chodos (APS), Steve Eckstrand, Amy Flatten (APS), Judy Franz (APS), Allan Hauer, Ted Hodapp (APS), Rick Lee (DPP Education), Michael Lubell (APS), Tom McIlrath (APS), David Newman, James Van Dam (DPP Public Information Committee)

DPP Administrator: Saralyn Stewart

### **Action Items (start date in parenthesis):**

1. (4/2006) – Saralyn Stewart and Ted Hodapp to work together to get a list of APS-DPP members that are in industry.
2. (4/2006) – DPP (Melissa Douglas) will respond back to Amy Flatten of the APS International Office in a reasonable time period about whether we are interested in participating in the International Travel Grant Award Program.
3. (4/2006) – Melissa Douglas to appoint new person to lead Distinguished Lecturer Program.
4. (4/2006) – Multiple paper rules will be mailed out with the reminder for the DPP abstracts. (Multiple abstracts will be checked at the sorter's meeting and will also be checked by the program chair).
5. (4/2006) – Melissa will contact Bob Merlino as an ex-officio member of the Nicholson committee.
6. (4/2006) – Executive Committee to send comments to Vincent Chan about the April Meeting Task Force in the next two weeks.
7. (4/2006) – The Executive Committee is to review annually the funding for the program and facilities (\$5K), travel grants (\$5K), pure discretionary funds (\$3K), Rosenbluth student stipend (\$2K).
8. (11/2005) – Saralyn will ask APS Membership Department to organize a lapsed member campaign for DPP.
9. (11/2005) – Lee Berry will work with Melissa on how to bring science fair recipients to the DPP annual meeting in the future, including requests for science fair volunteers.
10. (11/2005) – Rick Lee, Saralyn Stewart, and David Newman will talk with Melissa Douglas about the DPP Lecturer Program next year (2006-2007). It was suggested that someone from NNSA be on the lecturer list.
11. (11/2005) – Form a committee (Greenwald, Douglas, Stewart) to present a draft of “best practices” documents at the April Executive Committee meeting.
12. (11/2005) – Jim Van Dam will prepare a “best practices” report for the Public Information Committee.

### **Motions/Votes at this meeting.**

1. Motion: (Vincent Chan/Fred Skiff). Accept the Minutes as written. Passed – there was one abstention because this person had not read the minutes completely.
  2. Motion: (Ian Hutchinson/Tina Back) – DPP should poll the membership to determine whether they are willing to pay the cost of the bulletin as part of their yearly registration fees.
  3. Ian Hutchinson wrote a letter (delivered at this ExCom meeting) to Tom McIlrath (APS) requesting APS to specify if DPP discontinued printing the BAPS (and did not replace it with a CDROM, merely relying upon the web version), would the BAPS page costs of \$70K be avoided? If not, what fraction of the costs would be saved? McIlrath agreed that he would answer in a few weeks, because this issue is complicated.
  4. Motion: (Cris Barnes/Tina Back) To raise the registration fees for the 2006 DPP meeting to a flat \$25 in all registration categories, except for the students which would be an increased \$15.
  5. Vote on Meetings endorsement - Continue as things are, that is, to endorse meetings as they come along with E-mail voting by the Executive Committee. Each requesting group will be asked to provide some standard information about their meeting.
  6. Motion: (Cris Barnes/Jim Drake) to endorse the Sherwood Meeting, April 23-25, 2007, Annapolis, Maryland, passed unanimously.
  7. Motion: (Cris Barnes/David Meyerhofer ) Excellence in Plasma Physics to be renamed John Dawson Award for Excellence in Plasma Physics. Transfer \$80K from Excellence in Plasma Physics award fund to Maxwell Prize, so Maxwell will be \$10K, Excellence \$5K per year. Passed unanimously.
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1. Welcome remarks - Melissa Douglas

(Melissa is attending the meeting via teleconference. Jill Dahlburg standing in for Melissa Douglas as Melissa is expecting a baby.)

2. Approval of the Minutes of the Executive Committee Meetings-Allen

Saturday, April 16, 2005, Tampa, Florida (*written report*)

Sunday, October 23, 2005, Denver, Colorado (*written report*)

There are still some minor typographical corrections to these minutes.

***Motion to Accept the Minutes:***

Vincent Chan/Fred Skiff

Passed – one abstention because this person had not read the minutes completely.

3. Chair's Report-Douglas

- a. Review of Action Items (*written report*) –discussed at 5:30 PM

From October 2005 Minutes-

1. Saralyn will get clarification on how the DPP number of fellows are determined.

Alan Chodos – ½ of 1% of DPP membership is effectively the quota per year. The APS says that a ½% of unit membership is an absolute cap to the number of fellows. It is a little more complicated, as some people are members of more than one Division. The 3/8 of 1% is the major quota, and 1/8 of 1% is the alternate quota. DPP is also allowed matching “foreign” fellows. **Completed.**

2. Saralyn Stewart will ask Justin Stewart, APS membership, to organize a lapsed member campaign for DPP --finish in Spring. (**Carried over**)

3. Lee Berry will work with Melissa on how to bring science fair recipients to the DPP annual meeting in the future, including requests for science fair volunteers. **(Carried over)**
4. Rick Lee, Saralyn Stewart, and David Newman will talk with Melissa Douglas about the DPP Lecturer Program next year (2006-2007). It was suggested that someone from NNSA be on the list. **(Carried over)**.
5. Form a committee (Greenwald, Douglas, Stewart) to present a draft of “best practices” documents at the April Executive Committee meeting. – not completed, **carried over**.
6. Earl Marmar will submit a slate of DPP members to the APS-wide election, and present a slate of candidates for the Vice-Chair position “special election). **Completed**.
7. Jim Van Dam will prepare a “best practices” report for the Public Information Committee. – **(Carried Over)**
8. E-mail Steve Cowley’s letter asking for input from the DPP membership – **completed** at the APS DPP meeting.

From April 2005 minutes-

1. Vincent will chair a subcommittee that will draft a letter to address run times on MFE facilities and ITER costs versus the base program costs. Proposal was presented to ExCom, and they had several reservations, this was voted down). **Completed**
2. John Kline and Troy Carter will E-mail the ExCom defining the purpose of the 2005 Town Meeting, the proposed invited speakers, and the topics of the town meeting. This 2005 Town meeting was held. It was suggested that the Rising chair consider the charge for this committee) **Completed**.
3. DPP Lecturer program – by Spring 2006 – list of six people obtained, but have not been discussed by committee. Need better advertising for DPP, and solicitation of DPP lecturer. **Completed**.

- b. DPP Special Election Results (Electronic ballots = 754, Paper ballots = 51)  
 Ian Hutchinson (Massachusetts Institute of Technology) Vice Chair (11/2009)

Noted that he is “coming up to speed”, and would appreciate help with his assignments.

- c. Endorsement Request:  
 Sherwood Meeting, April 23-25, 2007, Annapolis, Maryland (*written report*) – this was moved to the discussion on meeting endorsements later.

**Motion:** To endorse this meeting. (Cris Barnes, second-Jim Drake ) passed unanimously.

- d. Letter to Anne Davies (*written*) –  
 This was sent on March 24.

4. Balloting Statistics and History (*written report*)-Stewart

5. Secretary-Treasurer Report (*written report*)-Allen

**Motion: Ian Hutchinson, Second-Tina Back – We should poll the membership to determine whether they are willing to pay the cost of the bulletin as part of their yearly registration fees.**

After extended discussion, there arose an uncertainty about the printing cost versus the sorting and preparation cost. Ian Hutchinson and Steve Allen will work with APS to determine the bulletin costs.

**Ian Hutchinson wrote a letter** to Tom McIlrath (APS) requesting them to specify if DPP discontinued printing the BAPS (and did not replace it with a CDROM, merely relying upon the web version), would the BAPS page costs of \$70K be avoided? If not, what fraction of the costs would be saved? McIlrath agreed that he would answer in a few weeks, because the issue it complicated.

**Motion: (Cris Barnes, Second Tina Back)** – To raise all categories of the registration fees \$25, except for the students which would be an increase of \$15.

6. Councilor Report-Drake

New on-line journal. There is a proposed committee with head Mark Ross – POPA –on electrical storage. POPA study involving – Ernie Monies, look at GOCO laboratories Government Owned, Contractor Operated – merits of University contractors. APS is monitoring the VISA issues, and things are improving. Most denials for students have to do with 214.b – have to prove that they have no intention to emigrate to US. New category that would include graduate students and would allow them time to obtain employment. APS council passed a resolution on nuclear weapons use.

7. APS Executive Office

a. APS Executive Officer-Judy Franz

Discussed that the April meeting would continue. Better job of publicizing this during the year. They have a task force to look at this meeting and it could not change until 2010. They are redesigning the website to also reach to a non-physics audience. Willing to put a “news box” out for the units. There is a new Physics Central web site for APS. Also discussed that the APS meeting endorsements are OK’d by her, not the APS executive board. This simply means that it goes on the APS web site and does not trigger an E-mail to all of the members.

b. Treasurer’s Office-Tom McIlrath

There was some discussion on “open” access journals. They are considering having authors pay for articles in open access journals.

c. APS Education and Outreach-Hodapp

These viewgraphs are available, and give an overview of APS programs. Minority scholarships are available. He highlighted the <http://Cswp.catlla.com/results.php> web site that is an outreach to women in science. One emphasis is on obtaining new Physics teachers. Looking for industry individuals to serve on APS education committees.

**(4/2006) - ACTION ITEM: Saralyn Stewart and Ted Hodapp to work together to get a list of APS DPP members that are in industry.**

8. Endorsed Meetings (*written report*)-Douglas

a. Endorsement Requests

Burning plasma workshop was endorsed 2 months ahead. We have endorsed things that were 2 months away. Deciding at only the Fall and Spring meeting could preclude including meetings on short notice. Two options were voted on:

**Vote:**

**Meetings endorsement - Continue as things are, that is, to endorse meetings as they come along.**

**Each group will be asked to provide some standard information about their particular meeting . – 9 voted for this option, which passed.**

Meetings endorsement - Continue as things are, but form a subcommittee: and determine which endorsements are to appear only on website, those that are sent E-mail, and any financial sponsorship. Subcommittee chair Ian and Melissa. -3voted for this option.

b. Financial Sponsorship – not discussed.

9. Department of Energy

a. Office of Fusion Energy Sciences (*written report*)-Eckstrand

Discussed the magnetic fusion and reorientation and response to the ITER program.

b. NNSA Defense Programs-Hauer

Discussed the reorientation and revitalization of the Weapons Program. There will be two weapons labs – LLNL and LASL in the reoriented plan. A strategic vision report is available. Replaceable Renewable Weapon (RRW) concept was introduced. Fundamental understanding of physics will be important with weapons. Expectation of non-increasing budgets in the coming years.

10. APS Meetings Department-Baudrau

For the current April meeting, there were 200 Plasma Physics abstracts, with a total of 1050 attendees.

Future Meeting Sites

DPP2006 (*October 30 to November 3, 2006, Philadelphia, Pennsylvania*)

DPP2007 (*November 12-16, 2007, Orlando, Florida*)

DPP2008 (*November 17-21, 2008, Dallas, Texas*)

DPP2009 (*November 2-6, 2009, Atlanta, Georgia*)

DPP2010 (*November 8-12, 2010, Chicago, Illinois*)

DPP 2011 (*date TBD, New Orleans, Louisiana*)

11. Prize and Awards Committee Reports

a. MNR Outstanding Doctoral Thesis Award (*written report*)-Beg

Made on May 5 – conference call.

b. Maxwell Prize (*written report*)-Hazeltine

Conference call late in April.

c. Excellence Award (*written report*)-Campbell

Conference call in April and May.

12. Additional Committee Reports

a. Nominating Committee (*written report*)-Batchelor

Timeline to accomplish items is in report.

b. Publication Committee (*written report*)-Gary

c. Committee on Concerns of Junior Scientists (*written report*)-Kline/Carter

Organized a town hall meeting at 2005 DPP with Anne Davies. 40 junior scientists attended, and a thank you letter was sent to Anne Davies. She suggested having this as a regular feature of the annual DPP meeting. Send suggestions to John Kline and Troy Carter. This is a yearly committee.

d. Fellowship Committee (*written report*)-Verdon

Making good progress.

13. Coalition for Plasma Science Report (*written report*)-Berry

14. APS International Office-Amy Flatten

Informed us that there is an International office that cuts across all aspects of APS. Working on trying to more effectively interact with the Divisions by offering concrete programs to the Society. One new program is the Committee on International Scientific Affairs (CISA). There are endowments to bring international scientists to the March and April meetings. Beller (2) and Marshak(1) endowments are \$2000 each for travel funds. CISA announces availability of free on-line journals for institutions in Sub-Saharan Africa. INTAF helps spread the word to APS colleagues. Premier program is outreach to Units – promote scientific collaborations between APS members and physicists in developing countries- a

\$2000 grant for travel and lodging. Have awarded 8 grants in the past 1.5 years. Amy also manages the visa issue for APS.

Travel Grant Award Program – DNP donated (\$5K) already. Members eligible to apply for grants, and invited to serve on grant review committee (not required).

**4/2006 Action Item** – We (Melissa Douglas) will get back to Amy Flatten of the APS International Office in a reasonable time period about whether we are interested in participating in the Travel Grant Award Program.

15. APS Public Affairs Office-Lubell

Gave a update of Washington affairs. Also described the new APS physics logo. Instead of changing the name to American Physical Society to American Physics Society – which would have required re-registering all of the APS journals in all the countries – they have “branded” the APS logo with Physics.

16. Nicholson Medal Status Report: Fundraising (*written report*)-Berk

Dr. Shukla is the 2005 recipient and the award will be presented at the April 2006 meeting.

He will be invited to give a talk at the DPP meeting in 2006. Deadline for nominations is July.

Ex-officio member from DPP remains indefinitely.

17. Excellence and Maxwell Status Report (*written report*)-Mori / Logan

Excellence in Plasma Physics Award to be renamed the John Dawson Award for Excellence in Plasma Physics. The funding has been obtained from UCLA. This will free up some funds for the Maxwell Prize so that it can be a \$10,000 prize.

18. Education and Outreach, and Plasma Physics Support (*written report*)-Rick Lee

a. 2005 Denver Summary – Teacher workshops, with 100 attendees. Scientists visited 9 area schools. Undergraduate poster awards went well, they will need help next year with judges. The distinguished lecturer program has received a lot of requests for talks. There was a suggestion to keep a list of institutions that have been visited as part of the program.

**Action item: Melissa Douglas to Appoint new person to lead Distinguished Lecturer Program.**

b. 2006 Philadelphia Activities

c. Undergraduate Poster Awards: Solicit Reviewers

d. Distinguished Lecturer Program

e. Ad-hoc Planning Committee Members

f. 2006 Estimated Budget

19. Rules for Abstract Submission and Presentation of Papers (*written report*)-Meade

20. Public Information Committee-Van Dam – no report.

21. Meetings: 2006 April Meeting-Chan

There was a reminder that DPP has contributed \$5K to the Sherwood meeting. The Sherwood meeting is under budget, so this may not have to be a full \$5K.

Task Force on the April Meeting (*written report*). –**Action item to send comments to Vincent Chan.**

22. Meetings: 48<sup>th</sup> Annual DPP (2006, Philadelphia, Pennsylvania)-Chan

a. Annual Meeting Initiatives (*written report*)

There will be Invited Post-deadline Talks – Four slots in the Friday morning sessions with late-breaking important scientific results.

Mini-Conferences – Topical Group on Plasma Astrophysics, GPAP mini-conference organized by Bill Matthaeus and Hui Li, and another TBD. No requests for tuition waivers for these conferences have been requested. These meetings are not to compete with the main program.

There is a proposal for a Town Meeting on ITER, Tuesday Evening, to be confirmed. Four presentations of about ½ hour each, including one presentation from the US home team. There was a lot of discussion about whether this was a town meeting or not and whether this is in the spirit of not having technical sessions in the evening.

Local Arrangements – the current plan is to provide wireless access in the poster exhibit hall. Marriot charges for Internet access in the guest rooms and hotel lobby. The airport is close to downtown, and FEDEX/Kinko is in the building.

b. DPP Production Schedule (*written report*)-Stewart – Any articles that have to do with education and outreach – Mid July will be the production schedule for the DPP Chronicle. This will also be a PDF of the Chronicle on the website.

23. Lunch with the Experts (*Monday, April 24, 2006*)-Barnes  
Cris Barnes and Ron Stambaugh will be doing this at the April meeting.

24. Meetings: 49<sup>th</sup> Annual DPP (*November 12-16, 2007, Orlando, Florida*)-Hutchinson  
a. Local Arrangements (Eduardo Fernandez, Eckerd College)-Saralyn Stewart  
will give Ian Hutchinson the list of required activities, and he will pass these on to Eduardo.  
b. 2007 APS April Meeting: Plasma Physics Program-Hutchinson  
(*April 14-17, Jacksonville, Florida*) Possibility of giving an International talk – will discuss this at the program committee meeting.

25. Other New Business-Douglas – none.

26. Date for 2006 Fall Executive Committee Meeting-Douglas  
Sunday, October 29, 2006, Philadelphia Marriott Downtown Hotel (*start time 10:00 a.m.*)

27. The meeting was adjourned at 10:45 PM.