

Meeting of the Executive Committee of the DPF

April 2002

Minutes of April 20, 2002 Meeting of the Executive Committee of the DPF

Minutes by Nick Hadley, DPF Secretary-Treasurer

The meeting was held in Albuquerque, New Mexico during the April APS meeting.

The meeting began at 7PM (MDT) and ended at 11PM.

Present: Jon Bagger, Martin Breidenbach, William Carithers, Janet Conrad, Sally Dawson, Glennys Farrar, Howard Haber, Nick Hadley, Young-Kee Kim, Peter Meyers, Elizabeth Simmons, Chris Quigg, and Stan Wojcicki

Agenda:

- Carithers Committee Final Report- Initial Discussion
- Reappointment of Vera Luth and Mike Zeller to C11
- Boris Kayser's request for endorsement of Flavor study group
- Tanaka Prize Nomination Deadline Revision
- Sandweiss and Garisto - Physical Review Letters
- Judy Franz and Michael Lubell Public Affairs and Budgets
- Judy Franz - Other APS Issues including the 2003/2004 meeting
- Jon Bagger - update on discussions with DCMP and DMP, subpanel update
- Other "outreach " programs to other Divisions.
- Discussion of program committee for DPF 2003 and discussion of DPF 2003
- Location/time of DPF meeting (fall 2004?) after Philadelphia 2003
- Carithers Committee Final Report - Continued Discussion

Stan Wojcicki chaired the meeting.

The meeting opened with Bill Carithers describing the draft report of his panel to study new DFP initiatives that the DPF could consider to better serve the community. The panel members were Vernon Barger, Bill Carither (chair), Janet Conrad, and Glennys Farrar. The panel was formed in early 2001 and has had a series of meetings, first considering a wide range of possibilities and then narrowing them to a few proposals. The panel's report will be available from the DPF web page as soon as it is final. The panel made three recommendations. First, the panel recommended the formation of a standing Education and Outreach Subcommittee of the DPF. This panel would collaborate with the DOE, NSF, APS and others to help coordinate outreach activities relevant to particle physics. Ideas for possible programs this committee might sponsor include Particle Physics Lectures, Particle Physics Booklets similar to Quarks Unbound, a Particle Physics Expo

at DPF meetings, and a database of spinoffs and applications. Second, the panel recommended the formation of a standing Government Liaison Subcommittee. Third, the panel recommended that the DPF Executive Committee should consider making DPF early career awards. The panel noted that they had originally intended to make a recommendation about the formation of a committee on younger physicists issues, but the success of the Young Particle Physics group had made the formation of this committee unnecessary. There was considerable discussion of the draft report. It was a consensus of the group that the proposed composition of the subcommittees, two current DPF Executive Committee members plus other interested DPF members was reasonable. It was noted that considerable efforts in Education and Outreach already exist and that the new subcommittee should add to these efforts and aid in their coordination, but not duplicate them.

The Executive Committee was then joined by Jack Sandweiss and Robert Garristo from Physical Review Letters. The Executive Committee informed them that their proposed new divisional editors were fine and also agreed to the revisions in the PACs numbers. PRL plans to raise the standards for acceptance of articles. It was noted that the impact on experimental HEP might not be too great, since these papers already receive an enormous amount of internal review. It was noted that the Online Version of PRL is now considered to be the primary version. PRL is hoping to place the large author lists (500+) for HEP experiments in a footnote. The authorlist footnote would be archived by PRL and kept as long as PRL is available. The Executive Committee noted that the ability to generate a version of the paper with the complete authorlist would be valuable for promotion and similar purposes. It was felt that to have the paper available in two forms, one with and one without the authorlist would be possible.

The Executive Committee then discussed the issue of the rules for the timing of submissions for the Tanaka Thesis Award. The Committee approved the formation of a subcommittee to consist of Howard Gordon, Janet Conrad and Sally Dawson to revise the rules. The intent is to give more time after the date of the thesis defense for the submission of nominations. This time could now be as short as one day under some circumstances, which is clearly too little.

The Executive Committee then discussed Boris Kaiser request for DPF support for his proposed one year study of Flavor Physics by the Particle Physics Community. Chair Stan Wojcicki was asked to discuss this further with Boris to obtain more details.

The Executive Committee then enthusiastically endorsed the reappointment of Vera Luth and Mike Zeller to the C11 IUPAP committee. It was noted, however, that the request for DPF endorsement came very late in the process.

Jon Bagger discussed the HEPAP subpanel report and related issues. The Subpanel report has been presented at all US laboratories and at CERN, DESY, KEK and other laboratories abroad. A Linear Collider Steering Committee as recommended by the subpanel is in the process of being established. This Committee will have four subcommittees on physics, accelerators, international aspects, and on outreach. The lab

directors will be on the Steering Committee and many of its members have been chosen, although they have not yet been announced. The formation of the P5 subcommittee on priorities is not as far along. Jon had talked to the Divisions of Condensed Matter Physics and Materials Physics at their combined executive committee meeting at the APS March meeting. He discussed the HEPAP subpanel report and plans for the divisions to work together on common problems and to improve communications. There are now plans for a DPF talk at the APS March meeting and also a possible Condensed Matter talk at the APS April meeting.

Judy Franz, Michael Lubell and George Trilling then joined the meeting for a discussion of government funding and budgets. The budget situation is grim, particularly at the NSF. Although there was an apparent 8.6% increase in the funding to the MPS (Mathematical and Physical Sciences) Division of the NSF, all of this increase plus more was taken up by an initiative in Mathematics and funding for LIGO and Michigan State Cyclotron operations as well as a number of new centers. What was left was a 10% cut to continuing core programs. Since this shortfall had to be absorbed in one year of the normal three year NSF funding cycle, normal renewals this year were slated for approximately a 30% cut. (Note added after the meeting. For HEP and High Energy Astrophysics, the NSF program officers in these areas used their reserves to limit the cuts to about 10%. In Nuclear Physics, the cuts may have been the full 30%.) Congress feels that NSF core programs should have better funding, but it is not clear if this will translate into actual appropriations. The NSF FY2003 president's budget (i.e. the budget that is sent to congress which congress can, and usual does, revise) contains a 1.5% cut for physics and chemistry, a 2.5% cut for astronomy, and a 3% increase for biology. These numbers are believed to represent the priorities of the NSF director, Rita Caldwell. The DOE budget request is essentially flat.

The Executive Committee agreed to arrange for a letter writing campaign to congress about funding at the Williamsburg DPF meeting in May. Stan Wojcicki will coordinate this with Michael Lubell and the Williamsburg organizers. (Note added after the meeting. A similar program at the April meeting generated more than 1500 letters.)

Judy Franz reported that the cost of being a member of a division will increase from \$6 to \$7. The extra dollar will go to the APS to support divisional activities. Judy also noted the continuing need to increase attendance at the April APS meeting, which typically loses money. The decision on prize funding is that all new prizes will need to be funded at a level where a prize of \$10,000 can be awarded. Existing prizes will be encouraged to raise funds so that their awards can be raised to \$10,000 if they are not at that level already.

There was then considerable discussion of the Linear Collider Steering Committee and its subcommittees. The Executive Committee agreed that there should be an official Executive Committee member of the Linear Collider Steering Committee, and that the DPF, through the Executive Committee, should be involved when the Steering Committee (and subcommittee) members are chosen. DPF Chair Wojcicki will contact the HEPAP chair, Fred Gilman, about this.

Chris Quigg reported that 17,000 copies of the Quarks Unbound booklet have been distributed. We have sent copies to all DPF members, all subscribers of the Physics Teacher, all Physics Department Chairs in the US and Canada, all members of Congress and Senators, all Quarknet Teachers and mentors as well as numerous science writers, and others.

Elizabeth Simmons indicated that she hoped to hire an undergraduate to help improve the DPF website. The current DPF webmaster (Nick Hadley) accepted this offer with gratitude.

The Executive Committee was favorably inclined to the offer from UC Riverside to host a DPF conference in the fall of 2004 or perhaps January 2005. The plan is for the Riverside group to make a more detailed proposal at Williamsburg.

After considerable discussion, the Executive Committee endorsed the Carithers panel proposal for the formation of the Education and Outreach subcommittee as well as the Government Liaison Subcommittee. The Executive Committee felt strongly that assisting younger physicists was important, but was concerned that the proposed early career awards were not the best way to do this, since they would duplicate the existing NSF, DOE and Sloan Foundation awards. The Executive Committee felt that it was important to stay in contact with the Young Particle Physicists organization and to work with and assist that organization in carrying out its mission.

The next DPF Executive Committee will be in Williamsburg at the DPF meeting.