

Minutes of the April 6, 2003 Meeting of the Executive Committee of the DPF

Minutes by Nick Hadley, DPF Secretary-Treasurer.

The meeting was held at the April APS/DPF meeting in Philadelphia, PA.
The meeting began at 7:00PM (EST) and ended at 10:45PM.

Present: Jonathan Bagger, Martin Breidenbach, Marcela Carena, William Carithers, Alan Chodos (guest), Robert Clare (guest), Sally Dawson, Judy Franz (guest), Robert Garisto (guest), Howie Haber, Nick Hadley, Young-Kee Kim, Tom McIlrath (guest), Jack Sandweiss (guest), Jim Siegriest (guest), Elizabeth Simmons, Stan Wojcicki, and John Womersley.

Agenda:

1. Impressions of April 2003 - Dawson
2. Plans for DPF 2004 in Riverside - Clare
3. Plans for DPF 2006 in Hawaii - Bagger
4. Report on the March Meeting - Kim
5. Report on the APS Council - Bagger
6. DPF Policy on Expenses - Hadley
7. DOE Division of High Energy Physics - Wojcicki
8. Long Range Planning: Snowmass for neutrinos or cosmology - Wojcicki
9. Report from Education and Outreach Subcommittee - Simmons
10. European Particle Physics Outreach Group - Bagger
11. DPF Membership Coordinator - Bagger
12. Report from the Government Liason Subcommittee - Carithers
13. Report on the Linear Collider Steering Group - Kim
14. Report on P5 - Simmons
15. APS Issues - Franz
16. PRL and PRD Issues - Sandweiss and Garisto

Chair Bagger opened the meeting by announcing that the DPF's "Quarks Unbound" booklet will be awarded a "Golden Trumpet" for outstanding achievement by the Publicity Club of Chicago. The DPF Executive Committee sends its congratulations to Sharon Butler, the booklet's author and to Chris Quigg, who conceived the idea of writing "Quarks Unbound."

A discussion of first impressions of the April 2003 meeting then followed. The April 2003 meeting was going on at the time of the Executive Committee meeting. It was the first meeting in which the April meeting was combined with a DPF meeting. There was general appreciation for the quality of the talks. Concerns were expressed over the high

cost of the meeting compared to a standard DPF meeting, typically held at a university. Concerns were also expressed about the poor attendance at some of the outstanding parallel sessions due to competition with other excellent sessions. (e.g. The DPF Prize session was in competition with a session on the history of electron-positron colliders featuring a talk by a Nobel laureate.) The number of submitted abstracts for DPF sessions increased by a factor of two over previous years.

The APS would like DPF to designate the April 2005 meeting as an official DPF meeting. The Executive Committee agreed that discussion would be by email and that a decision needs to be made "soon."

Bob Clare from UC Riverside reported on the planned DPF 2004 meeting in Riverside. John Layter has retired, and Gail Hanson has agreed to head the organizing effort.

Plans to have the 2006 DPF meeting in Hawaii are going ahead. The goal is to have a joint meeting with Pacific Rim countries' DPF equivalents. After discussion, the DPF Executive Committee voted to support the idea of the 2006 meeting in Hawaii in principle, and looks forward to hearing about details at our next meeting.

The Executive Committee was joined by Tom McIlrath, the APS treasurer, who reported that the conversion of the APS fiscal year to match the calendar year was going well.

Young-Kee Kim reported that the evening session of the March meeting that featured talks by a number of different divisions was attended by more than 1200 people. There was discussion of how to continue the momentum of better contacts with our colleagues in other divisions who attend the March meeting. The idea of a session on accelerators and their uses for particle, nuclear, condensed matter, and biophysics was mentioned. It was agreed that the March meeting needed a person assigned as liaison. The Executive Committee agreed that this would be a responsibility of the Divisional Councilor. (The Division Councilor was not present, and the motion had the enthusiastic support of all those in attendance.)

Jon Bagger presented a brief report on the activities of the APS Council. The Council has approved a statement about "Visa Rules and Government Procedures Hampering US Science and Technology" that addresses DPF member concerns about overly restrictive visa policies. The statement is available from the web page www.aps.org/statements. There was discussion of the current APS Task Force on ethics. The absence of a member of a large (more than 100 physicists) collaboration on the committee was noted and the the Executive Committee agreed to supply names of possible members of this type.

Nick Hadley led a brief discussion of DPF policy towards requests to pay expenses not specifically related to DPF activities. There was general agreement that the DPF should plan its yearly expenditures at the January Executive Committee meeting. The DPF discretionary budget (after meeting required expenses such as elections, newsletters, and sorters meeting travel) is about \$20K. This is enough to fund a number of worthwhile

activities, but not enough to fund a congressional fellow for a year, for example, which is something we have been asked to do in the recent past.

The recent changes in the leadership at the DOE Office of High Energy Physics were discussed. The Executive Committee will send a letter of thanks to John O'Fallon for his years of distinguished service as head of DOE HEP, and a get well card to Peter Rosen, head of HE and Nuclear Physics who is recovering from surgery.

Stan Wojcicki led the discussion of having a workshop at Snowmass (or elsewhere) on neutrino physics in 2004 or 2005, similar to the workshops held in the early 1990's on B physics. It was agreed that discussions with the heads of HEPAP and P5 about this would be useful.

Liz Simmons reported on the Education and Outreach Subcommittee. The Subcommittee had a meeting earlier on April 6. It is collecting information on great talks and speakers and useful slides and pictures. The Public Affairs Offices at a number of the particle physics laboratories plan to roll out a new web site about particle physics for the public at the Lepton Photon meeting. Greg Snow and Mike Barnett are working on trying to help all the different HEP experiments become aware of what the others are (already) doing in education and outreach. Harrison Prosper and Randy Ruchti have a plan for the NSF to create an education group that will organize examples of education and outreach activities that have worked well. There was discussion of having a parallel session on education and outreach at the April APS meeting and possibly a plenary session talk.

The European Particle Physics Outreach Group (EPPOG) contacted Jon Bagger and asked the Executive Committee to suggest names for a US representative to their group. The Executive Committee agreed to discuss candidates and forward names to EPPOG.

Chair Bagger suggested and the Executive Committee agreed that the past chair would be the DPF membership coordinator.

Bill Carithers reported on the Government Liaison Subcommittee. The subcommittee has received considerable help from the APS Office of Public Affairs (Bill mentioned that Susan Ginzberg has been a "fantastic resource"), and now has a list of DPF members sorted by congressional district. There are DPF members in every state and in 372 out of 435 congressional districts. The subcommittee is setting up a phone and email tree and has made connections with the SLAC and FNAL users organizations.

Mike Lubell of the APS Office of Public Affairs then joined the meeting, and reported on the latest budget numbers from Capitol Hill. The NSF House number for 2004 has a small increase, while the DOE Office of Science House number contains a 22% decrease. The Senate numbers for the DOE are essentially flat. Clearly, considerable effort will be required to prevent devastating cuts. Mike discussed a report in preparation to be given to the DOE Office of Science that contains the information to justify increases in the budget for the physical sciences. The total need has been calculated to be an increase of 130%.

Mike asked that DPF members contact him when they come to Washington DC and plan to meet with their representatives to make the case for science.

Jim Siegrist reported on the HEP Communicators group which he chairs. This group is not an APS or DPF group. It consists of Public Affairs people from the National Labs, members of the DPF chair line and a few others. The group is working to get more support for the physical sciences and high energy physics and is trying to make useful allies such as university deans and provosts.

The Executive Committee was then informed about the activities of the Linear Collider Steering Group by Young-Kee Kim. There will be a meeting in Cornell in June about the Linear Collider, one of whose goals is to provide a road map for either a warm or cold Linear Collider in the US. Both the DOE and the NSF are providing funds for Linear Collider R&D in FY2003. Overall resources are limited, and the R&D funding has not increased as rapidly as some may like, although the cap on such R&D no longer exists. The plan is that measurements needed to make the warm vs cold technology decision will be completed by the end of calendar 2003.

Liz Simmons reported that the P5 committee met in January and again in April at Fermilab where three experiments (Run 2B, BTeV and CKM) were discussed. The report on these projects is due on June 1. An expanded P5 committee has completed a report (available from the DPF web page) assessing the science potential and readiness of various proposed future facilities.

The Executive Committee was then joined by Judy Franz and Alan Chodos of the APS. There was discussion of the relationship of the APS and the AAPT, the Council's Task Force on Ethics, as well as of making better connections with the March meeting. Peter Meyers (the current DPF Divisional Councilor) was suggested as a possible member for the Task Force on Ethics with experience in large collaborations. Judy reminded the Executive Committee that we need to make a decision on whether to make the 2005 April meeting a joint APS/DPF meeting relatively soon. Judy noted that the Division of Nuclear Physics had held a meeting in Hawaii and that the APS Council had issued a resolution supporting that meeting.

Jack Sandweiss and Robert Garisto then joined the meeting for a discussion of the APS journals. They reported on the effort to raise standards for PRL, but indicated that the standards for HEP were already very high and wouldn't change much. Robert reminded the Executive Committee to ask DPF members to submit interesting figures for the cover of PRL.

The meeting adjourned at 10:45PM.