

Meeting of the Executive Committee of the DPF

April 19, 1997

Present: Bagger, Burchat, Devlin, Einhorn, Frisch, Georgi, Gordon, Grannis, Rutherford, Schellman, Sciulli, Trilling

Guests: B. Barnett, S. Brown, J. Franz, R. Garisto, M. Lubell, T. McIlrath, S. Preische, P. Rosen

Agenda:

1. [Report of Secretary-Treasurer](#)
2. [LHC Authorization](#)
3. [Congressional Outlook](#)
4. [Congressional Reception](#)
5. [APS Centennial Celebration](#)
6. [APS Financial Report](#)
7. [APS April Meeting](#)
8. [Physical Review Letters](#)
9. [DPF Fellowships](#)
10. [ICFA Report](#)
11. [DPF 98](#)

For more on these items, see the DPF home page, <http://www.aps.org/units/dpf/>.

Report of Secretary-Treasurer

As of March 1, 1997, the DPF account balance stood at \$66,835. The prize account balances stood as follows: Panofsky, \$66,918; Sakurai, \$170,079; Wilson, \$108,666.

The only significant issue is the Panofsky Prize Fund, which remains significantly underendowed. Paul Grannis will take the lead on a fund raising effort. Howard Gordon and Pat Burchat have volunteered to help.

Jon Bagger suggested that the DPF Newsletter be sent by third class mail, except for the annual election issue. He also proposed that the membership be notified by email when a newsletter is posted on the web. The Executive Committee endorsed these suggestions.

LHC Authorization

Peter Rosen, the new Associate Director for Nuclear and High Energy Physics at the Department of Energy, reported to the DPF Executive Committee about HR1277, the Authorization Bill for High Energy Physics. This bill removed funding authorization for

U.S. participation in LHC for FY98 and FY99. The Chairman of the Science Committee, James Sensenbrenner, cited concerns about the following areas:

- The organization and control of the LHC project;
- The U.S. role in LHC direction and management;
- The lack of a statement by CERN about open access for outside scientists;
- The impact of LHC funding on U.S. domestic projects;
- The possibility of cost overruns which might affect the U.S. commitments;
- The fact that a U.S. contribution towards the construction of a foreign accelerator breaks new ground.

Chairman Sensenbrenner went to CERN to discuss these issues with Christopher Llewellyn-Smith. At the meeting Llewellyn-Smith attempted to address Sensenbrenner's concerns on the budget, emphasizing that \$531 M (DOE plus NSF for accelerator and detectors) is the ceiling on the U.S. contribution. He also discussed CERN's management structure and the relations between CERN and DOE. During the visit, Sensenbrenner also toured L3 with Sam Ting.

Rosen stated that he was "guardedly optimistic" that the LHC funding would be restored. He felt that Sensenbrenner's meeting had clarified the cap on the U.S. contribution, as well as the nature of the U.S. management role. He stated that DOE will work with Sensenbrenner to restore the LHC contribution.

After a lively question-and-answer session, the DPF Executive Committee decided to alert the community about these issues. The EC agreed that a soft sell would be best, with particular emphasis on the scientific importance of the energy frontier, and on the fact the LHC participation is an excellent opportunity for U.S. physicists.

Congressional Outlook

Michael Lubell, the APS Director of Public Affairs, reported on a major change in attitude in the present Congress. He stated that partisan rhetoric has decreased and that there is broad support for science. Lubell said that there is a developing consensus that scientific research is necessary for economic growth. He felt that this consensus was helped, in part, by the educational activities of the scientific community.

Lubell thought that this climate provided a good opportunity for scientific societies to work together to advance science as a whole. Indeed, a "Joint Statement on Scientific Research" was issued in March by about 40 scientific societies, which represent about 1.5 M voters. (This Statement originated with the APS, and was endorsed by the APS Council.) It pointed out that scientific research is vital to national goals, and called for a 7% increase in FY98 funding. Lubell said that the Statement achieved some resonance with the House Science Committee, but that Appropriations Committee needed further encouragement.

Congressional Reception

Bruce Barnett reported on plans for the 1997 DPF Congressional Reception, to be held on May 6, from 5 to 7 pm. Barnett said that everything was on track. The invitations have been sent, and Congressmen Sensenbrenner and Brown were planning to write a letter supporting the event. Barnett solicited help from the Executive Committee on locating the science aides for certain members of the Science and Appropriations Committees.

APS Centennial Celebration

The APS Centennial Celebration will be held in Atlanta, on March 20-26, 1999. Sherrie Preische presented the tentative program for the event. She asked the DPF Executive Committee to suggest possible exhibits for the conference center. She also requested that the DPF sessions have some connection to the centennial theme.

Howard Georgi is the DPF contact person for the centennial meeting. He will be replaced by the Vice-Chair who will be elected this summer. Comments on the program should be sent to Georgi and to Paul Grannis.

The APS will be issuing a special Centennial Speakers Book. Preische distributed a preliminary list of DPF speakers. The list needs to be trimmed to about 20 people, and topics need to be assigned. Suggestions should be sent to Georgi and Grannis.

APS Financial Report

Tom McIlrath, the new APS Treasurer, reported that the APS financial outlook is "bright." He made the following points:

1. Membership fees will not change next year.
2. Present APS reserves are greater than one year's expenses.
3. 70-80% of APS income derives from its publications. This income covers the expenses of the publications.
4. The move to electronic publication is progressing rapidly. All of the Physical Review will be online by July 1, and the Reviews of Modern Physics will be online by late 1997. Marty Blume is talking with Paul Ginsparg about the possibility of an APS overlay to the xxx archives.
5. Member e-journal subscriptions will cost \$25 each. Institutions will be charged the same price whether they order the electronic or print journals, or both. CD ROMs will be available to members at a cost of \$25 each.

APS April Meeting

Paul Grannis discussed efforts to restructure the April meeting to include a meeting-wide plenary session each morning. The plenary sessions would contain talks on topics of wide interest, presented by speakers with broad overview and visibility. Such a change would reduce the number of invited sessions for each division.

Grannis circulated a letter to Judy Franz in which he and Bunny Clark (Chair of DNP) reported positive responses from DAP, DAMOP, TGG, CSWP and AAPT. They reported a negative response from FPS, which thought that such a change might not be in its best interest.

The Executive Committee discussed the status of the April meeting with Judy Franz. The Committee felt that the abstract deadline is too early and advocated moving it closer to the meeting. Franz suggested that the DPF look at the idea of "Focus Sessions," which are used by the DCMP at the March meeting. The conveners of the Focus Sessions choose their speakers to reflect late-breaking developments.

Franz asked that the DPF Newsletter remind members that all submitted abstracts must contain the names of a speaker and an APS member.

Physical Review Letters

The Executive Committee discussed with Stanley Brown the problems associated with bylines for papers written by large collaborations. The EC suggested that one author be identified as the author to whom correspondence should be sent.

DPF Fellowships

The 1998 Fellowship Committee reported receiving 41 nominations of exceptionally high quality, together with 7 holdovers from the year before. The Committee identified 12 nominees and 7 alternates. They will send the list to the EC by email.

ICFA Report

Frank Sciulli reported about two issues which arose at the January 31 ICFA meeting. The first concerned the status of the international conferences in high energy physics. ICFA decided to support the present IUPAP endorsement of three particle physics conferences: The International Conference on High Energy Physics, the Lepton-Photon Symposium, and the International Conference on High Energy Accelerators. ICFA proposed that the European Physical Society conference be scaled back to the level of the DPF conference.

The DPF Executive Committee supported these actions. In particular, the EC felt there is no need for IUPAP to endorse any additional conferences at the present time.

David Williams (CERN) gave a presentation to ICFA on telecommunications in high energy physics. He expressed concern that commercial use of the internet might adversely affect physics research. ICFA agreed to establish a Working Group on Communications to monitor the situation.

David Williams is the Chair of the Working Group. Fermilab and SLAC will provide the U.S. members. The question arose as to whether the panel should include an American

university representative. Opinions should be sent to Frank Sciulli, as well as the names of potential candidates for such a position.

DPF 98

Paul Grannis distributed a letter from David Cline and Roberto Peccei proposing that the 1998 DPF meeting be held in Los Angeles in December/January 1998/99. The Executive Committee raised questions about the cost of housing, the financial arrangements for the meeting, and the make-up of the local organizing committee.

Paul Grannis agreed to solicit more information and report back to the Executive Committee.