

**MINUTES FOR APS/DFD EXECUTIVE COMMITTEE MEETING
SATURDAY, 22 November 2003, 7pm EST
LOCATION: Aqueduct/Churchill Room**

Participants:

F. Hussain (Chair), J. Gollub, J. Wallace, H. Swinney, S. Berger, T. Wei, J. Eaton, E. Longmire, J. Duncan, G. Tryggvason, B. Behringer, J. Foss

Guests: R. Lueptow, J. Riley, M. Glauser, G. Ahlers, K. Kiger (webmaster), G. Leal, K. Sreenivasan

Note: B. Behringer is also Chair of GSNP

1. Opening remarks: **Fazle Hussain**
Welcome new members: J. Duncan (Secretary-Treasurer), J. Foss (Member-at-Large), G. Tryggvason (Member-at-Large), H. Stone (Vice Chair)
Some news items from the past year:
Will be posting on the web minutes of ExComm meetings;
Post slides from invited lectures on the website (K. Kiger is working on this);
Chair's remarks at Annual Meeting to be posted;
Membership leader is T. Wei;
Funds utilization committee (Chaired by P. Linden)
Fluid Dynamics visibility committee (chaired by H. Swinney)
Committee on Awards and Prizes (chaired by R. Metcalfe)
Fluid dynamics development committee (chaired by A. Acrivos; still being formed)

2. **K. Sreenivasan** discussed International Centre for Theoretical Physics (ICTP) in Trieste – to be brief (5-10 minutes)
Mandate: foster physics and mathematics (interpreted broadly) encouraging developing countries; in-house research; 4000 visitors/yr (50% from developing countries, 50% from developed countries); ICTP “Associates program” for developing world. Educational program in the form of a Diploma/Masters and a PhD program.

85% of the budget from the Italian government; the rest from IAEA (International Atomic Energy Agency) and UNESCO.
Is looking at ways to interact with APS.
Would like to see a greater participation of the USA, which has no real presence at ICTP currently.

3. Treasurer's Report: **Howard Stone**
 - a. Current account is about \$250K; typical budget for the annual meeting is almost 300K.
 - b. Profit on the book of the Gallery of Fluid Motion (just released by CUP) goes to the DFD.

4. Update on planning for the Annual Meetings:
 - 2003 **Mark Glauser** – 1140 pre-registered. Deficit projected to be 20-25K; on-site registration maybe about 100 which should likely reduce deficit; 1100 places for the reception. Will play the Gallery of Fluid Motion videos in the main hall before the awards session. Luncheon for 100 students – this year will have a panel discussion with grant and program managers;
 - 2004 (Seattle, **Jim Riley** organizer): downtown Seattle; good room-rate. Some budget issues: what to do about LCDs (costs an extra 20-30K)?
 - 2005 (Chicago, **Rich Lueptow** organizer): expensive city; current registration fee is suggested to increase 15%; estimate for LCDs is 30K; budgeted \$50/person for food and drink.
Subject of LCDs was discussed; no decision made.

Remark: We must start thinking about the 2006 meeting
5. Update on electronic election for the fall: **Jim Wallace**

DFD was the first division to try out the new APS electronic election materials. About 35% of the DFD voted (substantial increase over past years).

Issue about the fall newsletter, whose primary purpose is the ballot: anyone without an electronic access gets a papercopy;

Proposal: fall newsletter separated from election materials; election to be done electronically; fall newsletter to be sent pdf most likely or alternatively as a web link. Spring newsletter sent electronically.

Remark: with electronic voting, can only view one bio at a time – **relay to APS.**
6. Report from **Harry Swinney** on the APS Council – no new developments. There is an Africa task force (seeking names of those with Africa contacts)
7. Report/recommendations from the Committee to examine the Otto Laporte Award and Fluid Dynamics Prize: Presented by **Guenter Ahlers**.

Thoughtful document produced by the committee. Awards and prizes are different in the eyes of the APS – awards may recognize a wider range of achievements. APS only recognizes awards and prizes, not lectureship (formerly it was called the Otto Laporte Lectureship – selected to give a good talk). Prizes are for scientific achievement. An award normally carries a lower stipend.
Recommendation to combine the award and the prize.
Alternative suggestion: FD Prize as major idea + mandate to articulate OL Award as lower.

Alternative recommendation: DFD shall have one prize to be funded at a level comparable to other APS prizes. This one prize should be given for scientific achievement. **ALL IN FAVOR.**

Amendment: The DFD will no longer have an Otto Laporte Award for scientific achievement.

Transfer endowment for OL to the FD prize.

Rename the Otto Laporte Award the “Otto Laporte Lectureship” or “Otto Laporte Medal”. There will no longer be a special lecture. What will this lectureship constitute? How will it be selected? These questions have yet to be answered and will be addressed by some subset of the ExComm.

8. Acrivos Award: **Sandra Troian** prepared material; **Howard Stone** presented.
 - a. Proposal to (i) introduce special award talks (20 minutes?) for the recipients of the Acrivos and Frenkiel awards, (ii) distribute a poster announcing all DFD awards, (iii) modifications to application process

TALKS APPROVED. To be placed in parallel with ONE of the INVITED talks.

BE SURE COMMITTEE CHAIRS GET MATERIALS FROM PREVIOUS YEAR SO EVERYONE GETS TWO SHOTS AT THIS.

9. Renaming the “fluid dynamics” section of PRE: prepared by Michael Brenner; presented by H. Stone
Approved by ExComm – Support Michael’s suggestion to rename the PRE section “Fluid dynamics”.

10. Publication committee: **Gary Leal**
 - a. Subset of publications committee meant to be scanning for news items.
 - b. Proposal to have the Publications Committee develop posters about fluid mechanics to put in public places
 - i. Approved and supported.

11. Membership Committee: update from **T. Wei**
 - a. 3 recommendations: (i) student membership = \$26 + \$6 for DFD; APS has 1 year trial membership for free. Register students at the annual meeting who agree to membership; (ii) (recommendation of Bud Homsy) proposal to make all registrants who are APS members but not DFD members new DFD members – DFD to pay \$6 fee one time and people are to get letter telling them this.

Increase meeting cost for non-members to more than cover the cost of APS-DFD membership. **Approved. Give information to organizer Jim Riley for NEXT YEAR.**

How to bring in more members? Still need to consider this – maybe it can be impacted by visibility committee.

12. External Affairs Committee: **Howard Stone**
 - a. Indicated number of participants this year: 18 applicants; 17 people supported (at the time of the meeting, 15 had indicated they were

attending; the other two had visa problems). Allocate funding \$10K for next year.

13. Ideas to improve DFD visibility within APS – **Harry Swinney**

Committee formed this past year by F. Hussain. Committee report available. Upcoming “reference frame” by J. Gollub to appear in Physics Today.

a. Proposal for a “media committee” to outreach to the media; maybe contact people at APS with these media contacts.

Issue raised about what is the role/charge of other committees.

Proposal: consider the “media committee” as a possible role of existing committees; J. Wallace as incoming chair to articulate the charge of each committee.

b. proposal: establish better connections with other societies. Add as formal charge to the external affairs committee. This will need continuity.

c. education: look at curricula in fluid dynamics; work with other organizations; what would be the charge? Maybe have a special symposium on education at the annual meeting. J. Wallace should think about what the charge of this committee could be.

OVERALL: The ExComm endorsed the report and left it to the chair to decide how to implement the recommendations.

14. Do we need to put out a fall newsletter? See above.