



CFD TECHNICAL COMMITTEE

Tuesday, July 8, 2003

6:30 – 8:30 p.m.

July 2003

Sheraton Waikiki, Honolulu, HI

MEETING MINUTES

Number of Members in attendance: 13

Peter Raad, Chair of the CFDTC, convened the meeting at 6:35 p.m.

1. The minutes of the Committee Meeting at the IMECE 2002 in New Orleans were unanimously approved.
2. Update on JFE by Joe Katz
 - a. JFE is doing very well; there's 50% increase in submitted papers over previous years

Year	Approx. No. of Papers
1999	190
2000	220
2001 – 2002	230-240
2003	340 (Extrapolated Estimate)

- o There's been a quantitative decrease in review time, but there's still room for improvement. 70% of submitted papers are reviewed within one year. Remainder goes through multiple rounds of review. The web-based submission system is in place, but most Associate Editors still prefer to print out the papers.
 - o Approximate distribution of papers: applications of systems 12%, fluid mechanics 26%, CFD 16%, fluid measurements 19%, multiphase 21%, and 6% others. Most of others are in micro-channel flows. However, no nano-fluidic flows yet, but that's anticipated.
 - b. Need nominees for new Associate Editors (AEs), particularly applied CFD. There was also a desire expressed to see more international and female AEs.
 - c. Pratap Vanka volunteered to become as an Associate Editor.
3. Deji Demuren, Vice-Chair, reported on the Executive Committee Meeting that was held at 5:00 p.m., Sunday, July 6, 2003. Items discussed included:
 - Shorter program lead time because of web use.
 - Industrial relations committee is looking for a volunteer from CFDTC. (CGIT has been dissolved).
 - FED newsletter did not come out on time.
 - Session chairs should nominate papers for awards.

- IMECE has more sessions available to FED, but we don't have enough submissions.
- FED is getting more money from ASME than before.
- FED members can't go to a large number of meetings; so perhaps we should combine meetings by either in co-locating them or creating "super symposia."
- Pre-registration for FEDSM 2003 is around 600 - 700 people. Feedback from ranking file has been both good and bad.
- Hope that ASME will update the web tool so that organizers can perform all business on the web.
- CDFTC to liaise with Bioengineering (James Moore, Florida Int'l Univ.).
- Plenary speakers or tutorial organizers are now getting an honorarium of \$300. These can be proposed by anyone. Keynote speakers do not get an honorarium.
- FEDSM 2005 will be in Houston.
- Perhaps we can link CDs with journals; Proceedings available online.
- Ali Ogut wants to produce a publication about the history of the FEDSM.
- There is a desire to have a paper competition for Ph.D. students to increase involvement.
- Elections for TC Chairs and Vice-Chairs will be held at FEDSM'04.

4. Update on Sub-Committee for CFD Standards for Publication – Urmila Ghia.

- Sub-Committee has continued its discussions via email and in a meeting.
- Address issue of error/quality assessment of LES publications (Pratap Vanka). Avoid confusion. LES resolve portion of turbulence kinetic energy without modeling. Judge the instrument itself. "Need standards". Pratap, chair; Karman; Deji; Ismail. By Oct. 31, 2003.

5. Discussion and Approval of "Calls for Papers" for future meetings:

- 4th Forum on CFD Applications in Large Facilities, a recurring theme, organized by Zana Konecni, Ali Ogut, Curtt Ammerman, and Greg Sanchez was approved. 2 sessions were requested.
- 10th Symposium on Algorithmic Developments in CFD, a recurring theme, organized by Subrata Roy, D. R. Reddy, A. J. Baker, and M. N. Dhaubhadel was approved. 2 sessions were requested.
- 6th International Symposium on Fluid-Structure Interaction and Flow-Induced Noise in Industrial Applications, a recurring theme, organized by Subrata Roy, D. R. Reddy, Miguel Visbal, and M. N. Dhaubhadel was approved. 3 sessions were requested.
- A correction was noted on the FED Program Plan:
 - The lead-TC of S-374 should be changed to FMTC/CFDTC.

6. Update on the activities of other committees and societies

- Karman Ghia reported on the activities of AIAA. Orlando had over a 1000 attendees, over 800 papers presented. Luncheon speaker on the evolution of X-planes. High quality of papers. Fluids award went to Bill Sarik.
- Urmila Ghia attended a meeting on standards; develop database for verification (data on analytical solutions).
- Our paper was presented at the Reno AIAA mtg in January.

- Peter Raad reported on the APS-DFD meeting, which he chaired. Over 1,100 attendees. It was a very successful meeting.

7. The meeting adjourned at 8:30 p.m.

Send all web stuff to Aulestiae@asme.org (Mr.)

Assign a Communication Officer (web contact person).

<http://www.aiaa.org/tc/gt/newsletters.html>

Meetings:

2005 Houston

2006 Miami

2007 Southern California

Ali Ogut wants to produce a publication about the history of the FEDSM (Karman Ghia;
Demitri Telionis)