



## CFD TECHNICAL COMMITTEE

Monday, July 15, 2002

8:00 – 9:30 p.m.

Le Centre Sheraton Hotel, Montreal, Canada (at FEDSM'02)

### MEETING MINUTES

Number of Members in attendance: 22

Urmila Ghia, Chair of the CFDTC, convened the meeting at 8:10 p.m.

1. The minutes of the IMECE 2001 Committee Meeting were unanimously approved.
2. Urmila Ghia reported on the Executive Committee Meeting held at 5 p.m., Sunday, July 14, 2002.
  - (i) All 'Coordinating Groups' are now renamed 'Technical Committees;' accordingly, CGCFD is now CFDTC.
  - (ii) For FEDSM04, which is joint with HTD and AIChE, the location is still being discussed, and will be decided by the end of FEDSM02 meeting. Charlotte, NC, is being considered strongly.
  - (iii) JFE Associate Editors are asked to view the TCs as a great source of reviewers. Ismail Celik, Associate Editor, urged the members to complete reviews promptly when requested.
  - (iv) A representative from CFDTC is sought for the Young Engineers Paper Contest Committee. The responsibilities consist of reading the papers submitted for the Contest, go to the IMECE meeting to hear and judge the paper presentations, and participate in the selection of winners. Following some discussion, Subrata Roy was appointed, and agreed, to serve in this role. Ideas emerging from the discussion pertained to increasing student (both undergraduate and graduate) interest in and paper submission to the Contest, and include:
    - Install a flashing button about the Contest on the ASME web page
    - Email to Faculty Advisors
    - Email to ASME Regional Chairs
    - Increase the funding provided by ASME to the students
    - Invite Regional winners to the National Contest.
  - (v) ASME meetings are organized by themes. The current themes are: Nanotechnology, MEMS, Biomedical Technology, Transportation, Engineering Business Management, Photonics, Energy and Electrical Systems Design. Members are asked to submit names of broad topics for future meetings.
  - (vi) For Symposia/forums, the calls for Papers should include the number of papers anticipated, instead of the number of sessions as we currently request. Note: 5 papers equal 1 session.

- (vii) Keynotes speakers are allotted 2-paper slots. The Keynote speakers should not be listed or approached as invited, as ASME does not subsidize their registration fee or their travel. We should communicate the names of the Keynote speakers in time for inclusion with the calls of possible, but certainly in time for inclusion in the Meeting Program, to promote the talks and, hence, the meeting. We should suggest plenary speakers in topics of the meeting themes.
- (viii) The advance time for Calls for Papers [18 months for forums; 24 months for symposia] is needed for publicity via inclusion of announcement in JFE.
- (ix) Calls for repeating topics should be indicated as such.
- (x) The current meeting, FEDSM02, is joint with Europeans.
- (xi) New activities at the present meeting include workshops
  - Joint with DANTEC.
  - Joint with AEA.
  - Turbulence Modeling, by Ismail Celik.
  - For Incoming TC Chairs and Vice Chairs, by Executive Committee.
  - For symposium & Forum organizers, by Executive Committee.
  - Micro and Nano Fluid Dynamics (MNFD) workshop, by MNFDTC.
- (xii) We should plan to honor senior members of the CFD Community by a special session/forum/symposium.
- (xiii) The Honors and Awards Committee is re-named the Awards Committee. The new committee will consist of 6 members and a chair. The members will have 3-year terms, except in the transition period, to allow for rotating 2 members off each year to be replaced by new members.
- (xiv) The current meeting has over 400 pre-registrants; this is larger than previous FEDSM meetings.
- (xv) Calls for Papers for repeating Symposia/Forums need not go through TC approval in subsequent years. Nevertheless, a Call is indeed required. This will make the TC meetings more efficient.
- (xvi) A New Technical Committee has been formed – Micro and Nano Fluid Dynamics TC, to be chaired by Fred Forster with Ken Breuer as vice-chair. Both CFDTC and MNFDTC will benefit from collaboration and coordination. U. Ghia will coordinate with MNFDTC.

### 3. Update on JFE – Joe Katz

- Bimonthly, instead of quarterly, starting Jan 03.
- Additional 150 pages allotted
- Half of the March issue was on numerical uncertainty.
- A future volume – half of it, is planned on LES.
- Web-based review process is planned, to speed up the total submission to final-action process.
- Requested names for consideration as Associate Editors.
- Page charges required when paper length exceeds 9 pages (previously, 6 pages).

4. Update on Sub-Committee for CFD Standards for Publication – U. Ghia. The Sub-Committee has ongoing e-meetings, and also met in person immediately preceding the CFDTC meeting. Work is progressing, and aims to formally propose a method, by IMECE02, for quantifying the required standard. Will coordinate with Joe Katz for feedback and acceptance. The FED Newsletter, Summer 2002 issue, included an article on the Sub-Committee’s activities and goals.
5. Member Concerns and New Ideas:
  - (i) Deji Demuren asked for feedback on the ASME website’s new look.
  - (ii) The members voted unanimously to ask EC to include Calls for Papers in the ME Magazine.
  - (iii) Deji Demuren also asked and the Committee unanimously endorsed that a template for the Call for Papers be placed on the ASME web page, so organizers can prepare Calls without each organizer having to be concerned with format, time and location, deadlines, etc.
  - (iv) Karman Ghia proposed and the Committee voted (10 for, 2 against, 1 abstention) that timings be included for each paper in the program and be strictly adhered to by the session chairs. The session chairs may choose to fill no-show slots in one of several ways, e.g., open discussions involving prior presentations. The easel board outside the session room should list the session papers, with timings, and the session chair can indicate any further last-minute changes on it.
  - (v) Urmila Ghia noted that ASME has responded to member concerns conveyed in the past. The registration fee has been reduced, refreshments are provided during two breaks daily, 1 box lunch and 1 breakfast have been added. The program booklet lists a daily schedule.
6. Discussion and Approval of ‘Calls for Papers’ for future meetings:  
A total of 14 ‘Calls’ were proposed, reviewed, and approved.

<u>Meeting</u>	<u>Symposia</u>	<u>Forums</u>
FEDSM03, Hawaii	–	4*
IMECE03, Washington, DC	1*	1
FEDSM04, Charlotte, NC	6†	2

\* Recurring themes

† One of these is proposed by Dennis Siginer, to honor Charles Speziale (1948-1999) for his fundamental contributions to transition and turbulence.

7. Javid Bayander, of Melbourne, Australia, proposed and the TC endorsed, that the EC explore the possibility of holding one of its future FED meetings in Australia.
8. Urmila Ghia noted that she is CFDTC’s outgoing Chair, and thanked the members for their commitment to the TC. Peter Raad is the incoming Chair, and Deji Demuren is the incoming vice-chair.
9. The meeting adjourned at 9:55 p.m.