

ASME Micro-Nano Fluid Dynamics Technical Committee Meeting
July 15th 2002
Montreal

Approximately 10 people in attendance. The meeting was chaired by Fred Forster (FF) – acting chair. Minutes were recorded by Kenny Breuer (KB) – active vice-chair.

The meeting was convened at approximately 8:35pm

- 1) Introductions, background and history. This is the first meeting of the MNFDTC.
- 2) Chair report - FF encouraged efficient communication between different TCs in FED to ensure good coordination in this area as it grows.
- 3) EC report -
 - a. Coordinating groups and TCs have been combined to TCs. There are now six altogether.
 - b. There is a strong possibility that 2004 summer meeting will be joint with the Heat Transfer Division. There are many possibilities for joint symposia. It was commented that there has been some problems with communications between different divisions in the past. Work needs to be done to improve the communications and coordination. In particular the papers need to be published on the same CD-ROM.
 - c. FF reported that JFE is encouraging submissions to JFE. Joe Katz (present at this meeting) elaborated on this and said that there was not much in this area currently being submitted to JFE, but that this was a direction that needed to be encouraged and, perhaps jump-started. One possibility is to have a fast-track for papers accepted to both IMECE and summer meetings. This has been attempted in the past, and will be attempted again with the 2002 IMECE papers.
- 4) Elections - There was a discussion about the commitment required to serve as an officer of the TC, in particular that the Chair and Vice Chair should come to both meetings during the year. KB emphasized that at this early stage in the committee's life, this might be difficult to ensure. FF was elected as chair. KB was elected as VC. Surya Raghu was asked to serve as advisor to the Chair and Vice-chair to help with summer meeting coordination. He accepted this role. SR was also elected to represent the MNFDTC on the FED Awards Committee.
- 5) Approval of Operations Procedures Draft. – The OP was circulated and approved unanimously. It will be submitted to the FED EC for approval.
- 6) Consideration of Forum and Symposium Programs for future meetings – There are some calls already approved under other TC auspices:
 - a. IMECE 03– Microfluidics symposium.
 - b. Summer 03 (Hawaii)
 - i. MEMS for fluid measurements
 - ii. Fluidics

Two symposia were proposed without formal calls for summer 04:

- a. Visualization in Micro and Nano fluid systems – submitted by KB on behalf of Ken Kihm at Texas A & M.
- b. Multiphase flows in Microsystems - submitted by Deborah Pence @ Oregon State. Joe Katz also agreed to be an organizer for this symposium. This call will be finalized by DP after coordination with others in the FMITC.

The title, purpose and scope and organizers for the latter call will be submitted for approval to the FED EC. At the meeting the exact nature of Kihm's call was not available, and so it was thought that the two might be very similar and be combined. However, at the writing of these minutes the call is available, and it was clear that they are quite distinct and will be submitted as such.

Note: the number of papers or session slots expected for each call was not discussed, and this information will be transmitted to the executive committee as soon as possible.

- 7) Appointed officers – KB agreed to continue to run the web site (in coordination with the ASME site). Deborah Pence agreed to be represent the MNFDTC on the Young Engineers Contest Committee, after vigorously assuring the committee that she would do a “d**m fine job!”

The meeting was adjourned at 9:58 pm

Respectfully submitted

Kenny Breuer