

Computational Fluid Dynamics Technical Committee Meeting

IMECE-2010

Vancouver Convention and Exhibition Centre

Vancouver, Canada

Wednesday, November 17, 2010

6:00-7:30 p.m.

1. At 6:00 pm the current TC Chair, Charlie Zheng, opened the meeting, followed by introductions. A sign-up sheet was circulated.
2. Minutes of the CFDTC Meeting at the FEDSM-ICNMM2010 meeting in Montreal, Canada were approved.
3. Announcements
 - a. A candidate for the FED newsletter editor has been selected. The announcement of the new editor will be made soon.
 - b. ASME has gone to a completely electronic copyright process and good improvement in the system has been noted. A proposal is being put forward to move the copyright submittal up to when the draft paper is submitted. Copyright approval is still needed from all authors.
 - c. FEDSM2010 in Montreal had 780 registered authors. Of these, 253 (32%) were student presenters
4. Program plans for future meetings:
 - a. FEDSM2011 (AJK2011) Hammamatsu, Japan July 24-29, 2011 This meeting is hosted and organized by the Japanese Society of Mechanical Engineers. The Korean and American Society of Mechanical Engineers are helping with organization.
 - i. Registration Fee will be \$520.00-540.00 (\$270.00-\$300.00 for students)
 - ii. 822 Abstracts have been submitted so far. (Japan – 228, Korea 161, China 112, USA 53, Iran 27, France 17)
 - iii. FED Executive Committee will provide a stipend of \$1,000 for four students who are presenting at the meeting to attend. David Halt is developing the application process and criteria. The student must be a student member of the ASME.
 - b. IMECE2011 November 11-16, 2011 Denver, Colorado
 - i. Abstract Due - February 28, 2011
 - ii. Notification of Acceptance - March 7, 2011
 - iii. Draft Paper Due - May 24, 2011
 - iv. Sent to Reviewers - June 6, 2011 (2 Reviewers Required)
 - v. Review Deadline – July 11, 2011

- vi. Registration Deadline – August 15, 2011
- vii. All continuing Forums for IMECE2011 were approved. No new forums were proposed
- c. FEDSM 2012 July 21-26, 2012
 - i. Final location of the meeting will be confirmed in December. The first option for location is Puerto Rico. The second option for location is San Diego.
 - ii. Ongoing Symposiums were approved. Symposium calls due to CFDTC chair this week. No new symposia were proposed.
 - iii. Concern was expressed regarding symposiums which do not have enough papers or for which attendance is poor. It was stated that the Conference chair can cancel or combine symposia with few papers. If the attendance and organization of some symposiums are constantly poor, the TC will work with the organizers to modify or consolidate those symposiums at the stage of submitting CFPs.
- 5. Bylaws Update – The updated bylaws for the CFDTC were distributed by TC Chair Charlie Zheng. Any recommendations for changes should be sent to Charlie Zheng. Jim Liburdy is working to make sure there is some uniformity between the bylaws for each TC. Approval of bylaws will come from FED Executive Committee and ASME.
- 6. Updates from other Committees
 - a. Honors and Awards Committee –The Honors and Awards Committee is looking for input for the Knapp and Moody best paper awards. These can come from the FEDSM2010 or IMECE2010. The deadline for nominations is the end of December. Nominations should be sent to the CFDTC Chair, Charlie Zheng. At least 1 paper nomination is required from each TC.
 - b. JFE Report was presented by Malcom Andrews. An Editorial will appear in an upcoming issue of the JFE concerning what constitutes archival value for a CFD paper. Also see attached written report.
 - c. Noise, Control and Acoustics Division is looking for Co-Sponsors for several Symposia. Ray Gordnier will be a CFD TC representative for the Symposium on Flow Induced Noise and Vibration.
- 7. Member Concerns – none
- 8. New Business – none
- 9. Motion to adjourn 7:05 pm.

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***ASME Journal of Fluids Engineering
Report to Publications Committee
November, 2010
Current Status and Outlook***

The pace of submissions is ahead of last year at this time, 11/1/2010, (402 vs. 343), and so we project submissions will be at about 460 for 2010, some about 15% above the 2009 level of 398. Online publication has been occurring about 2 weeks prior to the nominal publication date.

Two (2) Associate Editors retired (in yellow) as of July 1, 2010, but seven (7) new ones (in blue) have been added this year, and Prof Zvi Rusak has agreed to a second term. Ted Heindel and Jim Liburdy are both completing their second, and thus final, terms as AE's, our thanks at the journal go to both of these excellent AE's. That leaves two open positions for fluids experimentalists that I plan to fill in the next 3 months. The current list of Associate Editors is:

Associate editor	Institution	Term End Date	Area of Research
Edward M. Bennett	Mechanical Solutions Inc	1/1/2012	Pumps/CFD
Olivier COUTIER-DELGOSHA	ARTS ET METIERS PARISTECH	7/1/2012	Multiphase Flows
Dimitris Drikakis	Cranfield University	1/1/2012	CFD
Paul Durbin	Iowa State University	12/31/2011	Fluid Mechanics
Ian Eames	University College London	7/1/2010	Multiphase Flows
Chunill Hah	NASA Glenn research center	1/1/2013	Application and Systems
Theodore Heindel	Iowa State University	1/1/2011	Multiphase Flows
James A. Liburdy	Oregon State University	1/1/2011	Fluid Measurements
Neelesh A. Patankar	Northwestern University	7/25/2011	Multiphase flows
Hassan PEERHOSSAINI	Université de NANTES	7/25/2011	Fluid Mechanics
Ugo Piomelli	Queens University	7/1/2010	CFD - LES
Zvi Rusak	RPI	12/14/2013	Fluid Mechanics
Mark Stremmer	Virginia Tech	1/1/2012	Fluid Mechanics
Frank C. Visser	Flowserve	12/1/2012	Pumps
Pavlos P. Vlachos	Virginia Tech	7/1/2012	Fluid Mechanics
Meng Wang	University of Notre Dame	7/25/2011	Fluid Mechanics
Steven T. Wereley	Purdue University	7/25/2011	Microfluidics
Ye Zhou	Lawrence Livermore	4/1/2013	Theory/Instabilities
Peter Vorobieff	Univ. New Mexico	4/1/2013	Fluid Mechanics
Charlie Zheng	Kansas State Univ	4/1/2013	CFD
Ismail Celik	West Virginia University	4/1/2013	CFD
D. Keith Walters IV	Mississippi State University	4/30/2013	Fluid Mechanics
Kendra Vail Sharp	Oregon State University	4/30/2013	Microfluidics
Mark Tachi	University of Manitoba	TBD	Fluid Mechanics

Publication Overview (to 11/12/2010)				
By Fiscal Year	# Issues	Pages	# Papers by 11/12/10	Submission-Decision (Months)
2007	12	1562	445	6.8
2008	12	1491	334	6.6
2009	12	1416	343	5.6
2010	4	440	402	

Activity Summary (to 10/27/10)				
Year	2007	2008	2009	10/27/10
Submitted	474	386	398	376
Accepted	99 (21%)	92 (24%)	101 (25%)	26 (7%)
Rejected	185 (39%)	161 (42%)	175 (44%)	87 (23%)
Withdrawn	50 (11%)	62 (16%)	56 (14%)	46 (12%)
Removed	74 (16%)	35 (9%)	20 (5%)	57 (15%)
Under review	0	3 (1%)	6 (2%)	122 (32%)
Under revision	0	2 (1%)	18 (5%)	38 (10%)