



## CFD TECHNICAL COMMITTEE

Tuesday November 13, 2007

5:30 – 7:00 p.m.

Seattle, WA

### Meeting Minutes

Number of Members in attendance: 12

Dave Halt, Chair of the CFDTC, convened the meeting at 5:30 p.m.

1. The minutes of the Committee Meeting at the FEDSM 07 in San Diego, CA were unanimously approved.
2. Chair presented announcements from the EC/TC Chairs' meeting:
  - a. Erin Dolan from ASME gave feedback from the meeting FEDSM07 in San Diego. There were 528 registered participants with 285 full members, 58 on-site registrants and 22 non-member registrants. There were 135 students which indicates that student registration is on an increasing trend. More than 50% were from Asia (primarily Japan).
  - b. Next FEDSM in 2008 will be in Jacksonville, FL August 10-14. It is a joint conference with Heat Transfer, Fluids, Energy, Solar and Nano. The website is up <http://www.asmeconferences.org/FEDSM08/index.cfm> and abstract deadlines are currently Dec 7. We have 5 symposia/fora which CFDTC is lead sponsor of.
  - c. The IMECE08 meeting is planned for Boston, MA on Oct 31-Nov 6, 2008 and Joel Park is chair. The track structure will continue to be utilized. There is an emphasis for improved communication between track chairs and symposia/fora organizers.
  - d. Joel reported that FEDSM09 is investigating Vail, CO as conference site and Joel would like feedback as to alternative sites.
  - e. In 2011, the FEDSM will be hosted in Asia and will be a joint Heat Transfer Conference sponsored by JSME, KSME and ASME.
  - f. It was announced that the Fluids Engineering Division will now collect 15% of JFE (Journal of Fluids Engineering) profits. Last year's total profits for JFE were in the \$140K to \$150K range.
  - g. The executive committee requested feedback from all technical committees regarding a proposal that we reduce from the two paper types (symposium and forum) we now support to a single type. Some supporting rationale are 1) other divisions in ASME do not support both types, 2) the degree to which papers are refereed is perhaps inconsistent, 3) the web tool supports a single 3 step process (abstract, draft paper, final paper), and 4) many participants are unaware of the distinctions between fora and symposia.
3. There was a request by Malcolm Andrews for a new call for papers to be co-sponsored with K20, heat transfer division at IMECE08. The proposed title is "Boundary Element and Meshless Methods in Computational Thermal-Fluids." The committee approved with call for papers to follow. Charlie Zheng volunteered to co-organize this symposium with Malcolm.

The CFD/EFD Choice Panel Session is requested to be continued at IMECE08 and this is co-sponsored by several technical committees. There are 5 CFDTC lead symposia recurring themes scheduled for FEDSM09. The symposia are 1) 10<sup>th</sup> International Symposium on Fluid-Structure Interaction and Flow-Induced Noise in Industrial Applications, 2) 14<sup>th</sup> Symposium on Algorithmic Development in CFD, 3) Symposium on DNS, LES, and Hybrid RANS/LES Methods, 4) Symposium on Uncertainty in Large-Eddy Simulations and 5) 9<sup>th</sup> Symposium on Applications in Computational Fluid Dynamics.

4. Adiel Guinzberg, chair of honors and awards committee, sent a report that there has been a selection for the Fluids Engineering Award. Adiel asked for all organizers to please consider nominating a paper for the Knapp or Moody Award for which the deadline is Dec 31, 2007. The Moody Award is for papers useful in engineering practice whereas the Knapp Award is dealing with analytical, numerical and laboratory research. Please send nominations to [adiel@alumni.caltech.edu](mailto:adiel@alumni.caltech.edu).
5. Joe Katz, Editor of JFE sent a report with status of JFE. Please see attachment.
6. Discussion/Feedback from committee members:
  - a. Snowmass, CO is suggested as a better alternative than Vail, CO as a site for FEDSM09.
  - b. It was mentioned that we could learn from the success of Dynamics and Controls activity. It was reported that they are bustling with very large committee meetings and have a 30% rejection rate among submitted abstracts and have good quality papers.
  - c. This IMECE meeting seems to always conflict with the annual APS meeting. The IMECE organizers need to take this into account when organizing future events.
  - d. The high cost of these meetings (conference fee, hotel room and meal expenses) in large cities is a problem that puts people off from attending.
  - e. There was a recommendation to choose the symposium (not the forum) as the single type to move forwards with. The reasons given were that 1) it was the higher standard of the two types, 2) it matched the web tool process, and 3) it was considered consistent with other divisions. There was some sentiment that neither the symposia nor fora were necessary to refer to in the process.
  - f. It was suggested that there is no need to purchase coffee/tea at the committee meetings.
7. The meeting adjourned at 6:45 pm

CFDTC Meeting Nov 13, 2007

<u>Name</u>	<u>Affiliation</u>	<u>email address</u>
1. DAVE HALT	VISTEON CORP.	dhalt@visteon.com
2. JOSEPH HUMPHREY	UVA	jach@virginia.edu
3. Malcolm Andrews	Los Alamos Nat. Lab	mandrews@lanl.gov
4. Charlie Lin	University of Tennessee, Knoxville	linca@utk.edu
5. Kaemian Ghia	Univ. of Cincinnati	kghia@cfarc-uc.edu
6. Charlie Zheng	Kansas State U.	ZZHENGT@KSU.EDU
7. Francine Battaglia	Virginia Tech	fbattaglia@vt.edu
8. Brent Houchens	Rice Univ.	houchens@rice.edu
9. Javid Bayandor	Royal Melbourne Institute of Tech.	BAYANDORJ@ASME.ORG
10. Bahram Khalighi	GM R&D	bahram.khalighi@gm.com
11. MO HOSNI	Kansas State	HOSNI@KSU.EDU
12 B. G. SHIVA PRASAD	Emerson Climate Technologies, Inc.	BG.shivaprasad@Emersonclimate.com

**ASME Journal of Fluids Engineering**  
**Report to Publications Committee**  
**November 2007**

**Special Projects**

The December 2007 issue will contain a special section devoted to LES techniques organized by Dimitris Drikakis and Fernando Grinstein.

**Current Status and Outlook**

We will be transitioning to E-First in January 2008. The number of submissions continues to rise, and as a result the number of approved papers awaiting publication is increasing, albeit at a somewhat slower rate.

**Competition**

**Associate Editors and Areas of Expertise**

Name	Institution	Term 1 End Date	Term 2 End Date	Area of Research
<i>Malcolm Andrews</i>	<i>Los Alamos National Lab</i>	<i>6/30/2006</i>	<i>6/30/2009</i>	<i>Fluid Mechanics</i>
<i>S. Balachandar</i>	<i>University of Florida</i>	<i>6/30/2005</i>	<i>6/30/2008</i>	<i>CFD</i>
<i>Ali Beskok</i>	<i>Old Dominion University</i>	<i>6/30/2008</i>		<i>Fluid Mechanics</i>
<i>Steven Ceccio</i>	<i>University of Michigan</i>	<i>12/31/2004</i>	<i>12/31/09</i>	<i>Multiphase Flow</i>
<i>Dimitris Drikakis</i>	<i>Cranfield University</i>	<i>12/31/2008</i>		<i>CFD</i>
<i>Paul Durbin</i>	<i>Iowa State University</i>	<i>12/31/2008</i>		<i>Fluid Mechanics</i>
<i>Ian Eames</i>	<i>University College, London</i>	<i>6/30/2010</i>		<i>Multiphase Flow</i>
<i>Chunill Hah</i>	<i>NASA Glenn Research Ctr</i>	<i>12/31/2009</i>		<i>Application &amp; Systems</i>
<i>Theodore Heindel</i>	<i>Iowa State University</i>	<i>12/31/2007</i>	<i>12/31/2010*</i>	<i>Multiphase Flow</i>
<i>Juergen Kompenhans</i>	<i>German Aerospace Ctr</i>	<i>6/30/2009</i>		<i>Fluid Measurements</i>
<i>Yu-Tai Lee</i>	<i>Naval Surface Warfare Ctr</i>	<i>12/31/2007</i>		<i>Application &amp; Systems</i>
<i>James A. Liburdy</i>	<i>Oregon State University</i>	<i>12/31/2007</i>	<i>12/31/2010*</i>	<i>Fluid Measurements</i>
<i>Phillip M. Ligrani</i>	<i>Oxford University</i>	<i>6/30/2008</i>		<i>Fluid Mechanics</i>
<i>Rajat Mittal</i>	<i>George Washington Univ.</i>	<i>12/31/2009</i>		<i>CFD</i>
<i>Timothy J. O'Hern</i>	<i>Sandia National Labs</i>	<i>6/30/2008</i>		<i>Multiphase Flow</i>
<i>Ugo Piomelli</i>	<i>University of Maryland</i>	<i>6/30/2007</i>	<i>6/30/2010*</i>	<i>CFD</i>
<i>Dennis Siginer</i>	<i>Wichita State University</i>	<i>12/31/2005</i>	<i>12/31/2008</i>	<i>Fluid Mechanics</i>
<i>Ye Zhou</i>	<i>Lawrence Livermore Lab</i>	<i>12/31/2008</i>		<i>CFD</i>

*\*Reappointment pending approval*

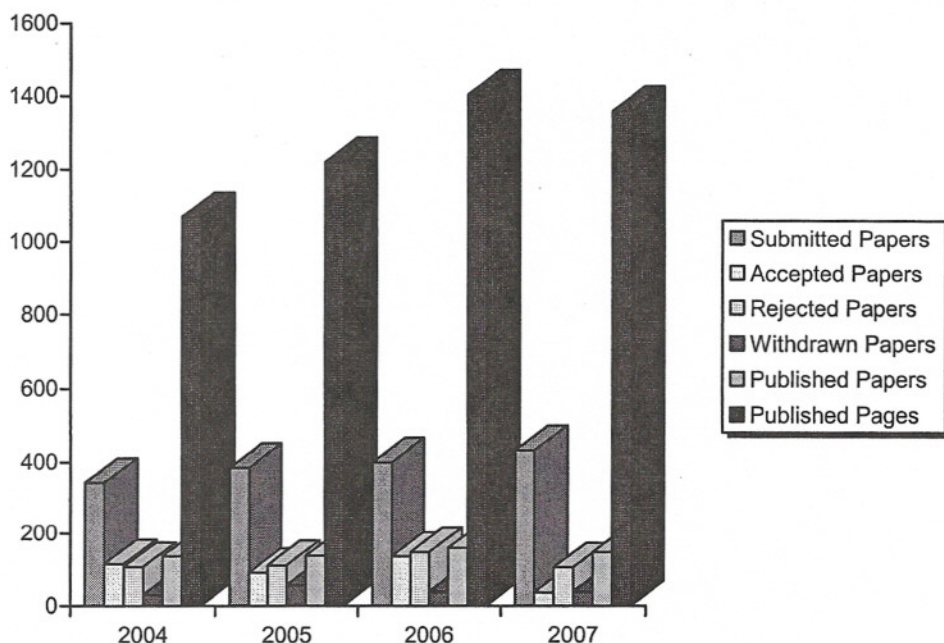
*Zvi Rusak, Rensselaer Polytechnic Institute and Philippe Dupont, Sulzer Pumps, appointments pending approval*

**Summary of Activity by year paper submitted, as of November 8, 2007**

	2004	2005	2006	2007 10 months
Submitted	343	385	400	433
Accepted	114	90	135	36
Rejected	151	177	148	105
Withdrawn	29	56	38	38
Removed	46	45	38	53
Open	3	17	41	201
Published	113	65	10	1

**Publication Activity  
By year**

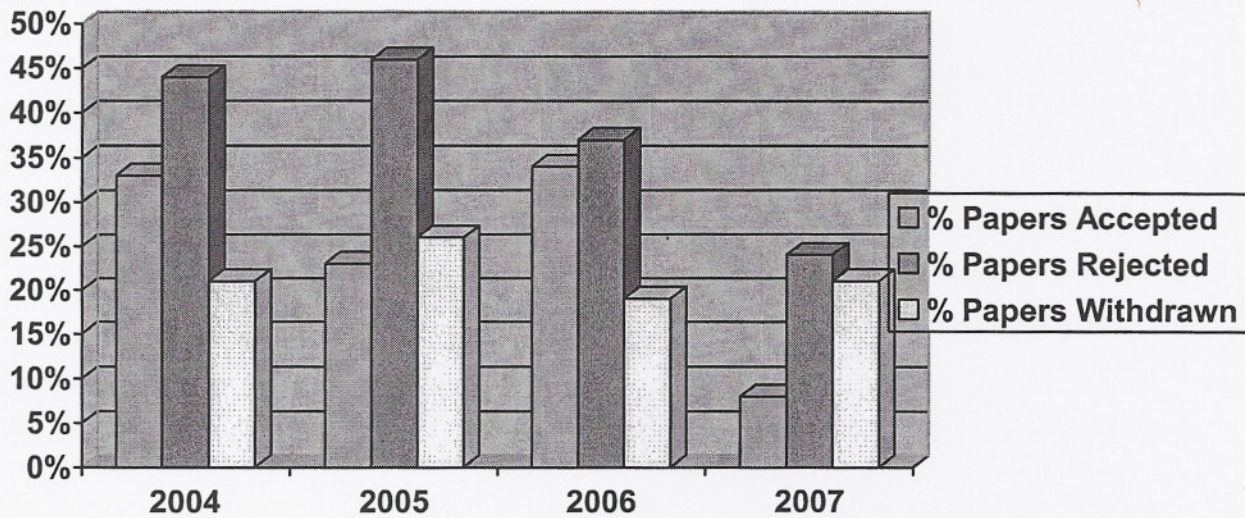
	2004	2005	2006	2007 10 issues
Papers Published	135	137	159	147
Pages Published	1069	1220	1404	1360



**Publication Activity by Year (10 months/issues only for 2007)**

**Percentages**

	2004	2005	2006	2007
% Papers Accepted	33	23	34	8
% Papers Rejected	44	46	37	24
% Papers Withdrawn	21	26	19	21



*Reviewing Timing, by year of admission  
(Times in Months)*

	2004	2005	2006	2007
Submission to Approval	8.2	7.6	5.8	3.1
Submission to Final Manuscript	11.8	10.7	8.6	5.8

