

ASME International
Minutes of K-18 Low Temperature Committee of Heat Transfer Division
at 2004 IMECE, Anaheim, CA, November 13, 2004

Attendees: Brain Williams, Pat Phelan, Muhammad Rahmaw, Zhuomin Zhang (past chair), Wei Tong, Yong Tao (current chair)

1. The meeting starts at 6:00 pm with introduction of Dr. Chung Oh from HTD Executive Committee. He reported to the committee on a number of issues, which are essentially the same as those appear in the report written by Brian attached to this minutes as an appendix on the outcome of K-5 meeting. However, in particular, Chung asked each K committee to express their opinions on the options of future involvement of HTD in IMECE. Four options are given:

- (1) Keep the present format (Status quo);
- (2) Only one big annual Heat Transfer conference. Pull out IMECE completely.
- (3) With other divisions in the basic engineering group, form an independent winter annual meeting;
- (4) The same as (2) except co-locating with IMECE

Chung also encouraged new session organizers to attend the session organization workshop. Since Brian and Muhammad had never attended this workshop but already had experience in chair the sessions, and due to a schedule conflict they could go to the workshop, it was suggested that they send emails to request the electronic materials about the workshop and study them on their own. K-18 will consider this practice equivalent to the session chair training. (For the record, Brian already copies the email request to Yong after the meeting.)

Each K-committee has to send Chung the updated committee roster to be posted on the HTD web for which Yong is the web page editor for HTD.

2. Discussions were given on the opinion of K-18. A consensus was reached to present to K-5 that K-18 will endorse either option (3) or (4); i.e., having a separate winter conference. Whether or not co-locating with ASME IMECE will leave EC to decide after considering the pros-and cons in terms of financial factors.
3. Wei and Muhammad reported the K-18 session they chaired was well attended. Many thanks to both of you for the job well done.
4. Yong expressed regret on being unable to recruit enough panelists and having to cancel the panel session on miniature crycoolers for IMECE 2004. He also mentioned that other committees had a panel session that only two panelists. Maybe in the future, a more flexible format can be adopted for the panel session. Another session co-hosted with K-19 was well received.
5. There was no K-18 meeting at the summer HT conference in Charlotte, NC, 2004, due to low attendance from our members.
6. The plan for future sessions:

a. 2005 Summer Heat Transfer Conference (Co-located with InterPack)

KCR: Muhammad Rahman.

Low Temperature Heat Transfer In Electronics

Chair: Wei Tong

Co-Chair: Zhuoming Zhang

b. 2005 IMECE

KCR: Brian Williams

Low Temperature Engineering Design

Chair: Wei Tong (wei.tong@danahermotion.com)

Co-chair: Patrick Phelan (phelan@asu.edu)

Phase Change Materials for Energy Storage and Cooling

Chair: Yong Tao (taoy@fiu.edu)

Co-chair: Brian Williams (willbria@isu.edu)

7. Brian will represent K-18 to attend K-5 Coordinating Council meeting on Tuesday, Nov. 16, 2004, because Yong leaves on Tuesday morning. The report from Brian about the K-5 meeting is attached.
8. The meeting adjourns at 7:15 pm. The next K-18 meeting will be in San Francisco CA, 2005.
9. Additional notes: During following days after the K-18 meeting, Yong was able to recruit two new members to our committee:

Zhixiong "James" Guo, PhD
Assistant Professor
Mechanical and Aerospace Engineering
The State University of New Jersey
New Brunswick Campus
98 Brett Road, Piscataway
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Ph: 732/445-2024 • fax: 732/445-3124
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James research area is in radiation energy transport under extreme circumstances such as at the ultrashort time and nanometer length scales.

And

Ronghui Ma
Assistant Professor,
Department of Mechanical Engineering
Esc 215, 1000 Hilltop Circle
UMBC-University of Maryland Baltimore County
MD 21250

Phone: 4104551965
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Ronghui's research area is in solidification and melting processes, which has strong ties to low temperature applications.

Yong received the resumes from both new members and for the record, officially approved their membership in K-18 committee. Welcome on board. We hope they will bring some fresh ideas on session organization.

Appendix:

To: Yong Tao
Chair, K-18 Committee on Low Temperature Heat Transfer

From: Brian Williams
Member, K-18 Committee

Date: 19 November 2004

Subj: Notes from K-5 Coordinating Council Meeting at IMECE 2004, Anaheim, CA
November 16, 2004, noon – 3 pm, in the Manhattan room (fourth floor) of the
Hilton

Having sat in on the K-5 council in your absence, I would like to pass on the following information presented at this meeting:

- The Basic Engineering Group (BEG) of ASME has decided to give the IMECE one more change, provided the following provisions are met:
 - A five-day conference with Heat Transfer sessions grouped either in the first three or last three days.
 - Active participation in ASME tracks.If ASME does not meet these demands, then BEG will pull out of the IMECE for 2006.
- An “Institute”, as opposed to a “Group” structure, allows for more autonomy as well as control of fiscal matters.
 - The Group structure has been around for a long time.
- ***Action Item:*** All K-committee chairs need to send their committee's mission statement to the K-2 chair/committee.
 - The Heat Transfer Division (HTD) wants to ascertain if the K-committee organization is appropriate.
 - Do we need 14 technical committees?
 - K-committees organized approximately 40 years ago.

- K-3 (Honors & Awards) has sent out emails with regard to awards.
 - Want more communication between Executive Committee (EC) and K-committees
- Abstract deadline for the Summer 2005 Heat Transfer conference (in San Francisco, CA) has been extended to January 15, 2005.
- The 2010 International Conference on Heat Transfer will be held in Washington, D.C.
- The 2007 Heat Transfer/JSME Conference will NOT be held at Banff, Canada. Top selections are Cancun, Mexico or Vancouver, B.C.
- At IMECE 2005 (Yong: Should it be 2004?) , HTD had 63 technical sessions, 252 papers, 8 panel sessions, and 2 poster sessions.

Respectfully,

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