

**ASME International**  
**Minutes of K-18 Low Temperature Committee of Heat Transfer Division**  
**at 2003 IMECE, Washington, D.C., Nov. 20, 2003**

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

1. The meeting starts at 2:00 pm with introduction of each attendee. Yong welcomes everyone especially new member Brian, who will submit a 1-2 page resume to Yong for officially applying for the K-18 Membership.

2. Zhuoming presents his observation from the past chair's view. HTD is going to change and reconstruct as ASME is. There is an announcement on the ASME web for ASME members to submit their feedback. There will be no session sponsored by K-18 at 2004 Summer Heat Transfer and Fluid Engineering Conference to be held at Charlotte, NC.

3. Russell Skocypec from the executive committee of HTD reported that for the first time HTD organized 2003 Summer Heat Transfer Conference at Las Vegas, NV after abandoning the National Heat Transfer Conference and had \$4,000 profits. However, registered attendance is low with a large number of student attendees (120), which was good from students' point of view, though. It has been suggested that a nominal fees will be in place for students in 2004 summer heat transfer meeting joint with Fluid Engineering Division. A significant no show of authors was reported. A measure of requirement of registration will be implemented as a condition of publishing the paper in the proceedings for 2004 summer meeting. For 2004 IMECE, a total of 63 sessions with 20% open sessions and 234 papers, which are considered to be low. Raj will be the HTD program chair for 2004 Summer Heat Transfer Conference.

Russ also reported that he tried to minimize the mixing of regular papers and extended abstract (oral presentation only) in a session. It still existed. Extended abstracts are in CDs. The deadline for abstracts of the summer meeting was Nov. 17, 2003, and extended to the end of Dec. 2002. Too few sessions for Heat Transfer. Discussion went to suggest identifying sessions under heat transfer topics.

2004 IMECE will be Nov. 14-19, 2004 in Anaheim, CA. 2005 Summer Heat Transfer will be a joint conference with Electronic Packaging Division in Bay Area, CA. In 2006 it will be a joint meeting with AIAA. HTD has a custodian account of \$10,000 (with \$50,000 base).

Russ presented the news of ASME Reorganization by explaining the structure of ASME: At the top level is Board of Governors (BOG) -> Council of Engineering (COE) -> Basic Engineering Group (BEG) -> Heat Transfer Division (HTD). From the reorganization, COE will be gone. While answering a question from Vijay, he encourages new members of the committee to attend the new K-member/session organizer orientation session given in both IMECE and summer meeting. Again, the committees are encouraged to discuss and give their feedbacks. Russ asked K-committee chairs to attend the executive meeting open forum.

4. Pat, as the KCR fro 2003 IMECE commented that Russ has done an excellent job in organizing the 2003 IMECE HTD sessions. Communications were good and the process was smooth. Our congratulations and appreciation to Russ.

5. The plan for 2004 IMECE:

KCR: Pat Phelan (Pat: Could add the complete titles of three sessions? Thanks)

- a. Co-sponsoring a session with PID (Tong/Phelan), "Session Title." Pat will contact PID.
- b. A panel session on "Miniature Cryocooler..." (Tao/Williams). Williams, Pat and Tong will help to identify the panelists.
- c. A regular session on "" (Phelan + Rahmaw).
- d. A regular session on "Frost Formation Processes" with K-19 (Sherif/Tao) (After the K-18 meeting, Yong was approached by K-19 for this additional session).

6. Our K-Committee Representative (KCR) for 2005 Summer Heat Transfer (Joint with Electronic Packaging is Rahmaw

7. 2005 IMECE KCR will be Brain Williams.

8. Further discussion on how to strengthen our committee especially at the critical moment when the ASME undergoes reorganization. The following points are discussed:

- Extend the low temperature definition to anything from cryogenic to below ambient temperature application such as refrigeration systems.
- Actively recruit more K-18 members.
- Propose sessions for summer conferences after a few years of no-session practice in summer.
- Cosponsor more sessions with PID and other K-committees such as bioengineering etc.

Yong will update the K-18 web page with the updated roster and email list.

9. The meeting adjourns at 3:50 pm. The next K-18 meeting will be in Charlotte, NC, 2004.