

## Minutes

### ASME Heat Transfer Division K-7 Standing Committee on Thermophysical Properties

Sunday, June 25, 2000  
University of Colorado  
Coors Event Center – Conference Room 2  
Boulder, Colorado

Attending: Richard Jacobsen, John Kincaid, Jim Olson, W. Mickey Haynes, Jim Ely, Jan Sengers, Zhoumin Zhang, Tony Overfelt, Steve Penoncello

Absent: Tom Irvine, Andreas Mandelis, Jim Holste, S. Peter Kezios

1. The meeting was called to order at 3:05 pm by Steve Penoncello, K-7 Committee chair. Steve circulated a meeting attendance roster, asking all members present to indicate name, address, phone, fax, and email.
2. Minutes from the last committee meeting were circulated by mail and copies were made available at the meeting. Jim Ely noted that Mickey Haynes' name was inadvertently omitted from the attendee list. This will be corrected.
3. Mickey Haynes reviewed the status of the 14<sup>th</sup> Symposium.
  - a. Mickey brought an example of what each attendee will receive, including an abstract book, program guide, CD-ROM, and carrying bag.
  - b. The number of abstracts submitted is about 625. A handout of cancellations and program revisions will be available at the symposium.
  - c. There were approximately 500 meeting registrations.
  - d. Approximately 300 manuscripts have been received. Three journals will be used to publish the proceedings of this year's symposium; *International Journal of Thermophysics*, *Fluid Phase Equilibria*, and, *Journal of Chemical and Engineering Data*. A rough estimate of the breakdown of the distribution of the current manuscripts is IJT~145, FPE~70, and JCED~25. The page limits have increased to 16 pages for a contributed paper, and 25 pages for an invited presentation. The final projection for publication is estimated at IJT~210, FPE~90, and JCED~30.
  - e. Sessions will be in the Engineering Center, Math 100, and the Coors Event Conference Center, Rooms 2, 3, and 4. The opening plenary session will be in the University Memorial Center.
  - f. The Van der Waals lab will be honored at this symposium. Plenary speakers will address various aspects of the history of the lab. One of the first parallel sessions will consist of papers presented by faculty and students from the lab.
  - g. Over 40 countries are represented in the program.
  - h. On Thursday (6/29) there will be a special parallel session called Forum 2000. The forum is entitled, "Fluid Properties for New Technologies." The session will be taped.
  - i. The cookout will be at NCAR on Thursday evening 6-10 pm. Buses will be transporting people from Kittridge continuously from 6-10 pm.

- j. There will be a K-7 dinner Tuesday evening at Dolan's.
  - k. It has become very difficult for many researchers from Russia to get VISAs. This will impact the Russian attendance. There will probably be about 20 Russians attending
4. Jan Sengers suggested a joint meeting of the representatives of the Symposium, the European Conference on Thermophysical Properties, the Asian Thermophysical Properties Conference, Subsecond Thermophysics Conference, and the Thermal Conductivity Conference to coordinate these various conferences. This will be on Wednesday (6/28) during lunch. Mickey will announce this at the opening session.
  5. Steve Penoncello announced the resignation of Phil Hill from the K-7 committee. He has changed his area of research and has moved out of the thermophysical properties area.
  6. The committee considered the application of Professor Neil Wright as a member of the K-7 committee. Jan Sengers moved that the Professor Wright be asked to join the K-7 Committee. The motion was seconded by Richard Jacobsen. The motion carried unanimously. Steve will invite Professor Wright to the Friday meeting.
  7. Mickey Haynes nominated Dan Friend as a new member of the K-7 committee. He circulated a short vitae of Dr. Friend for the committee's review. Richard Jacobsen moved that Dr. Friend be asked to join the K-7 committee. The motion was seconded by Jan Sengers. The motion carried unanimously. Steve will invite Dr. Friend to the Friday meeting.
  8. The committee discussed the need for additional membership from the industrial sector. Sometime during the conference, a complete list of attendees will be available. Committee members are encouraged to actively recruit industrial members
  9. Richard Jacobsen reviewed the Touloukian award status. The ASME Committee on Honors (highest level of ASME) now administers the award. In the IMECE (International Mechanical Engineering Congress & Exposition – the old ASME Winter Annual Meeting) of last November (1999) the Touloukian Award was approved as a national ASME award. Jan Sengers commended Dick Jacobsen for all of his work in elevating this award to national status. This was heartily seconded by the committee.
  10. Jan Sengers discussed the makeup of the Touloukian Award Subcommittee. The committee currently consists of Jan Sengers (chair), Richard Jacobsen, and Andreas Mandelis. The committee has four members, but a vacancy was created due to the untimely death of Dr. Ared Cezairliyan. Jan informed the committee that his term is ending and the K-7 committee will need to consider new members. Jan also suggested that committee members consider what would happen if one of the Touloukian Award Subcommittee members was nominated for the award. We will discuss all of these items at Friday's meeting.
  11. Richard Jacobsen outlined the new procedure for the Touloukian Award. Members submit the ASME nomination packages to the Touloukian Award Subcommittee. The subcommittee suggests nominations to the K-7 committee for ratification. After the K-7 committee ratifies these selections, the chair of the K-7 committee sends the nominations directly to the chair of the ASME Committee on Honors (this is a new procedure since the award is now national status).

12. The committee discussed the frequency of the K-7 meetings at the IMECE. Jan Sengers suggested that it is important that the K-7 committee meets at least once per year. He suggested that we participate at the ASME Congress (IMECE) by organizing a session entitled, "Highlights from the 14<sup>th</sup> Symposium on Thermophysical Properties" with 5 of the best papers of the symposium highlighted. Other suggestions were to meet at the ASME National Heat Transfer Conference (most other K-committees meet there), or meet annually in Boulder. The committee members were asked to think about this and we will discuss this at the Friday meeting.
13. The meeting adjourned at 4:20 pm.

Respectfully submitted,

Steven G. Penoncello, Chair