

Minutes

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

Friday, June 30, 2000
University of Colorado
Coors Event Center – Conference Room 2
Boulder, Colorado

Attending: Richard Jacobsen, John Kincaid, Dan Friend, Neil Wright, W. Mickey Haynes, Jim Ely, Jan Sengers, Zhoumin Zhang, Jim Holste, Steve Penoncello

Absent: Rajit Basu, Tom Irvine, Andreas Mandelis, Jim Olson, Tony Overfelt, S. Peter Kezios

1. The meeting was called to order at 1:30 pm by Steve Penoncello, K-7 Committee chair.
2. The minutes from the Sunday, June 25, 2000 meeting were circulated, reviewed and approved. The chair will accept minor editorial changes to the minutes. Final versions of the minutes of both Sunday (June 25) and Friday (June 30) meetings will be distributed to all committee members by mid-July, 2000.
3. Mickey Haynes reviewed the 14th Symposium.
 - a. There were approximately 500 attendees including many walk-ins and single day registrations. Mickey felt that the meeting attendance may be down from the last symposium.
 - b. Even with the VISA problems, there were approximately 20 Russian attendees.
 - c. Manuscripts continue to be received. In the next month, Mickey will distribute the manuscripts to the appropriate journal editors.
 - d. Invited talks may have been scheduled a bit better as there was some overlap. There were about 50 invited talks. The K-7 committee liked the idea of the invited talks. Also, many attendees appreciated the number of invited speakers.
 - e. The Coors Event Conference Center (CECC) was an excellent venue for the database demonstrations.
 - f. Both K-7 members and symposium attendees viewed the Touloukian Award Session as very positive. There were many positive comments about Dr. Senger's lecture, and the Touloukian Award Ceremony itself.
 - g. Many symposium attendees had very positive comments about the University of Colorado (CU) food service.
 - h. NCAR was probably the best venue yet for the Thursday evening cookout.
4. K-7 Committee comments concerning the symposium.
 - a. The K-7 Committee unanimously approved the following resolution commending those who made the conference a success:

The K-7 Standing Committee on Thermophysical Properties recognizes and appreciates the exceptional effort of the following individuals who worked to make the 14th Symposium on Thermophysical Properties held at the University of Colorado on June 25 – 30, 2000 one of the most successful symposium in the series.

*Symposium Co-chairs: W.M. (Mickey) Haynes and R.A. (Tony) Overfelt
NIST Staff: Becky Stevenson and Gary Hardin
Symposium Coordinator: Sara Tanner*

Each will be recognized by a letter from the K-7 chair with copies to appropriate supervisors. In addition certificates of recognition from the ASME will be given to each of the above-named individuals.

- b. Overall, the format of the symposium is very successful. The rescheduling of papers needs to be minimized. Many people float between various sessions and are expecting papers to be presented as published in the program.
 - c. Cancellations seemed to be higher this year – probably due to the difficulty with Russian authors obtaining VISAs.
 - d. It was suggested that session chairs maintain forms that record paper cancellations, session attendance, and other things. It has been policy that papers not presented cannot be submitted for publication. Mickey has done an excellent job keeping track of this through the session chairs.
 - e. It was suggested that an author's room for practicing presentations would be useful.
 - f. The necessity of the thick book of abstracts was discussed. All of the abstracts including submitted manuscripts are available on the CD-ROM that each registrant receives. Availability of computers with printing capability would eliminate the need for the abstract book. This will save money while reducing the weight of material that everyone needs to carry around during the symposium.
 - g. Authors should be informed of what equipment is available for presentations (e.g., computer projection systems and other audio-visual aids).
5. The committee discussed the 15th Symposium on Thermophysical Properties.
- a. The location for the next symposium was unanimously approved for Boulder, Colorado on the CU campus. John Kincaid expressed a desire to conduct the 15th Symposium in Boulder, but not rule out other sites for future symposia.
 - b. The committee unanimously approved dates of June 22 – 27, 2001 for the symposium (pending availability of the CU facilities).
 - c. Jan Sengers moved to nominate Dan Friend to succeed Mickey Haynes as 15th Symposium Co-chair. John Kincaid seconded the motion. After some discussion, the motion was unanimously approved.
 - d. Jan Sengers moved to nominate Andreas Mandelis, subject to his agreement, to succeed Tony Overfelt as the 15th Symposium Co-chair. Jim Ely seconded the motion. The motion was unanimously approved. Mickey will contact Dr. Mandelis and assess his willingness to serve as co-chair.
 - e. Dan Friend immediately assumed his role as 15th Symposium Co-chair and suggested that John Kincaid put together a survey of the past participants. He emphasized that the symposium is for the participants, not the K-7 committee. John agreed to this task. He will be in touch with Dan and Mickey to get information on the survey that Anneke Sengers did at the close of the 12th Symposium. He will include appropriate questions about poster sessions. John's plan is to develop a draft of the survey and request editorial comments from the K-7 Committee.
6. On Wednesday, June 28, 2000, a joint meeting was held between organizers of the Symposium, the Asian Thermophysical Properties Conference, the European Conference on Thermophysical Properties, and the International Thermal Conductivity Conference. During this meeting, the possibility of combining the International Thermal Conductivity Conference with the Symposium was discussed. Peter Gaal represented the International Thermal Conductivity Conference. Peter needs to know our committee's feeling on this issue. If we are generally supportive, he will approach the conference board of directors. There was much discussion concerning the positive and negative aspects of this proposal. The consensus of the committee was that we do not support naming the International Thermal Conductivity Conference as a sub-conference of the Symposium. However, we would

encourage someone from the conference to organize a thermal conductivity session for the 15th symposium. Steve Penoncello will contact Peter Gaal and inform him of this decision.

7. Jim Olson (by note) suggested several industrial people for K-7 membership. Steve will contact Jim and ask him to send a letter of nomination along with a resume of those that he feels would be most appropriate for the committee. Committee members were also encouraged to submit nominations for membership (especially from the industrial community) to the committee chair. Appropriate nomination packages include a letter of nomination along with a resume of the individual being nominated.
8. Touloukian Award items.
 - a. There was some discussion concerning the timeline that Steve drafted. It was suggested that the call for nominations be done in July, after the June meeting of the K-7 committee (2 years before the next symposium). An updated timeline is attached.
 - b. In the official ASME Rules of award, the committee unanimously approved the changes to reflect this new time line. The committee also unanimously approved the wording in the "Review Process" section to read, "No more than two nominations ..." rather than, "At least two nominations ...". These changes will be forwarded to the ASME Committee on Honors for review and approval.
 - c. The following motions and seconds were made for the Touloukian Award Committee membership: Jan Sengers (Jacobsen/Ely) for a six-year term, Andreas Mandelis (Sengers/Kincaid) for a second six-year term, and John Kincaid (Ely/Sengers) for a three year term to replace Ared Cezairliyan. No other nominations were made. A motion was made by Jim Ely to approve the complete docket. Dan Friend seconded the motion. The committee unanimously approved the motion. **[Post meeting note: We overlooked the election of a chair and vice chair for the Award Committee. We will take this up as an order of business during the next K-7 meeting.]**
9. Steve Penoncello informed the committee that his term as K-7 chair expires at the close of the ASME Summer Annual Meeting, June 7, 2001. Dick Jacobsen was nominated to be the next K-7 committee chair (Sengers/Friend). Dick discussed some of the things that he is interested in pursuing for the K-7 committee. He discussed the committee structure and suggested that we consider appointing a vice chair. This provides continuity for the committee leadership. It was suggested that the K-7 committee consider the vice-chair position and elect someone to that position at our next meeting. The motion was unanimously approved. Steve will forward a letter to the HTD executive committee noting the election of Dick Jacobsen as the next K-7 chair.
10. The frequency and location of the next committee meeting was discussed. The consensus of the committee was that we need to have an annual meeting and the IMECE meeting in November is not convenient because of the close proximity to the AIChE meeting. John Kincaid moved that the K-7 committee meet in Boulder, Colorado toward the end of June. Jim Holste seconded the motion. After some discussion, the motion passed unanimously. ***The next K-7 Committee meeting will be in Boulder, CO on June 29, 2001.***
11. Jan Sengers discussed a joint ASME/AIChE Committee on Thermophysical properties. After some committee discussion, Jan was asked to investigate the possibility of this from the AIChE side, and Steve will consider how the ASME would view such a committee. Neil brought up the point that the NHTC is a joint conference between ASME and AIChE. This collaboration may provide us with some insight on how to establish such a collaboration. Steve will contact the ASME and forward appropriate information to Jan for his discussions with AIChE.
12. The meeting adjourned at 3:25 pm.

[Post meeting note: After the K-7 meeting, Dick Jacobsen, Zhoumin Zhang and Steve Penoncello discussed the possibility of the K-7 committee sponsoring a session at the 2001 National Heat Transfer Conference. As suggested by Jan Sengers, the session would be entitled, "Highlights of the 14th Symposium on Thermophysical Properties," with 4-5 invited papers from the symposium. Jacobsen and Penoncello will organize the session. Zhoumin will check into getting this session scheduled for the 2001 NHTC.

Followup (7/7/00): It is apparently too late to get a session at the 2001 NHTC. Zhoumin has discussed the possibility of a K-7 sponsored session at the 2001 IMECE in New York. Yogesh Jaluria indicated that the session sounded like a good idea and we should request the session at the next K-5 coordinating committee meeting, which will be at the NHTC in August 2000. Zhoumin will be at the NHTC and was asked to represent K-7 at the meeting and request the session.]

Respectfully submitted,

Steven G. Penoncello, Chair