

Minutes of the Program Committee Meeting

ANS Thermal Hydraulics Division

NURETH-9 Meeting

Cathedral Hill Hotel

San Francisco, California

October 3, 1999

Attendees: Jens Andersen, Sam X. Chen, F. Bill Cheung, Whee Choe, Scott Franz, Dominique Grand, Mamoru Ishii, Jong Kim, Gunol Kojasoy, S.Y. Lee, Salomon Levy, Hiyashi Ninokata, Marty Pilch, Michael Podowski, Jose Reyes, Per Peterson, George Yadigaroglu

Excused: T. Theofaneous (excuse not required for this meeting).

1. Opening

The Program Committee members discussed whether the current meeting should be official. After discussion, it was agreed by the quorum that the current meeting should be official, in part from concern that attendance would be insufficient at the Winter Meeting to obtain a quorum. The THD Program Committee Meeting was then called to order by Jong Kim at 2:30 pm.

New member Prof. Hiyashi Ninokata was introduced. Visitors Sam Chen and S.Y. Lee were welcomed.

2. Agenda

The proposed agenda was approved.

3. Minutes from the meeting of the ANS Summer Meeting, Hyatt Regency, Albuquerque NM, August 15, 1999.

The minutes were approved.

4. Action Items from the November 1999 Meeting at the ANS Winter Meeting

Action Item 1: *Send email to NURETH-9 participants that they should get hotel reservations before the Sept. 2 deadline. (Peterson) Completed.*

Action Item 2: *Send invitation letter to Dinh to join the PC. This was done, but Dr. Dinh can not join due to other commitments (J. Kim) Completed.*

5. National/International Heat Transfer Conference Subcommittee

The idea of greater ANS official involvement, as a full member, in NHTC organization was discussed.

Proposed ANS sessions for the 2000 NHTC, Aug. 20-22, Pittsburgh, PA:

1. Transients and Dynamics in Two-Phase Flow (N. Kurul)
2. Thermal Problems in Radioactive and Mixed Waste Management (C. Unal)
3. Computational Fluid Dynamics in Two-Phase Flow (M. Bertodano)
4. Fundamentals of Multiphase Flows (G. Kojasoy) (new session)

Co-sponsored sessions (still to be confirmed):

1. 51/52 Enhanced Heat Transfer (M. Podowski)
2. 57 Experimental Studies in Multiphase Flows (J. Reyes)
3. 212 Thermal Behavior of Advanced Reactors (ASME K-13, Y. Hassan)
4. 210 Rod Bundle Heat Transfer (ASME K-13, R. Martin)

Schedule: Abstracts due to Program Chair September 30, 1999; abstracts distributed to each society Oct. 15, 1999; Abstracts distributed to each session Oct. 22, 1999; Session organizers notify authors on acceptance of abstract Nov. 1, 1999; Authors submit full paper to session organizer Dec. 15, 1999; Reviews sent back to organizers Feb. 15, 2000; Notification of paper acceptance to authors, Feb. 22, 2000; Authors submit final paper and copyright form to ASME, Mar. 25, 2000; Session organizers submit final M&P 1337 to Program Chair, Mar. 31, 2000.

2001 NHTC will most likely be "co-located" with an AIAA meeting, scheduled for late June, place not yet decided, options include Anaheim, Las Vegas, Seattle.

Proposed sessions are:

- 1) Instrumentation and Experiments in Multiphase Flow (Ishii and Kojasoy)
- 2) Modeling and Fundamentals in Multiphase Flow (Bertandono and Cheung)
- 3) Transients and Dynamics in Multiphase Flow (Kurul and Chen)
- 4) Multidimensional Effects in Nuclear Thermal Hydraulics (Reyes and Franz)
- 5) Transport Processes in Nuclear Waste Processing and Disposal (Unal and Lee)

6. National Meetings

The ANS Winter Meeting in Long Beach meeting has four sessions. Three chairs have been identified, and a fourth is needed. Jose Reyes has contacted David Bessett, who can serve.

Tom Larson has agreed to attend the organizing committee meeting for the upcoming 2000 Summer meeting (San Diego, June 4-8, 2000) and the 2000 Winter meeting (Washington, DC, Nov. 12-17, 2000).

The Summer 2000 meeting will have one general thermal hydraulics session.

For the 2000 Winter Meeting in Washington DC the proposed sessions are:

- 1) Thermal Hydraulics for Space Nuclear Power (Tom Larson, R. Singletary)
- 2) Thermal Hydraulics of Operating Reactors (Yassin Hassan, Steve Bajorek, Dave Bessett)

3) Thermal Hydraulics and Source Term in Criticality Accidents (co-sponsor with Reactor Safety Division) (Peterson).

4) General Thermal Hydraulics (Robert Martin)

7. International Topical Meetings

Per Peterson provided an update on the NURETH-9 Meeting. 233 papers are being presented at the meeting.

The PC voted that NURETH-10 will be held in Fall 2003. The subcommittee to send and review proposals will be Per Peterson (chair), Marty Pilch, Jong Kim, Gunol Kojasoy, Mike Podowski.

Action Item: Send out Requests for Proposals to local and international sections to host NURETH-10, review, and have results ready for review of the Program Committee at the NHTC in Pittsburgh (Peterson).

NURETH-11 will be in 2005. If both a good international and domestic proposal are received, each will be accepted for 2003 and 2005.

8. Editorial Subcommittee Report

No report.

9. Membership Report

Membership participation in the PC was discussed. The importance of international input and participation was noted. Prof. Ninokata from the Tokyo Institute of Technology was welcomed as a new member, and an example of the benefits of international participation on the PC.

Action Item: J. Kim to write letter of invitation to foreign ANS members inviting participation.

10. New/Other Business

The ICONE conference was discussed. It was agreed that the THD should not officially participate in the ICONE organization, since the THD primary focus is on the ANS Summer Annual Meeting, NHTC, and NURETH topical meetings. However, THD members are welcomed to individually contribute to ICONE sessions.

The meeting was adjourned.

Prepared by Per F. Peterson