

Minutes of the Program Committee Meeting

**ANS Thermal Hydraulics Division
2007 ANS Winter Meeting
Omni Shoreham Hotel, 2500 Calvert Street, NW
Washington, DC
3:00 – 5:00 p.m., Sunday, November 11, 2007
Parlor # 500**

Attendees: K.Y. Suh, X. Sun, T. Marshall, K. Muftuoglu, B. Woods, W. Choe, J.H. Kim, S.T. Revankar, H. Ninokata, K. Vierow, J. Rempe, K. Robb, F. Bill Cheung, S. Kim, D. Todd, S. Zhang, D.A. Powers (NISD Liaison), Y. Hassan (same order as in Attachment A)

1. Opening

Muftuoglu called the THD Program Committee Meeting to order at 3:02 p.m.

2. Approval of Meeting Agenda

The meeting agenda (Attachment B) was introduced and approved with minor corrections.

3. Minutes from June 2007 Annual Meeting

The meeting minutes from the June 2007 meeting in Boston, MA (Attachment C) were approved as submitted.

4. Action Items from June 2007 Annual Meeting

a. NURETH-13 host proposals

The Topical Meeting Information Questionnaire was sent to NPC in June and subsequently in the screening subcommittee meeting in July. It was authorized that Japan would host NURETH-13 in Kanazawa in the last week of October 2009. The meeting category is Class IV. The availability of the conference site in Kanazawa, however, necessitated holding the meeting from September 27 to October 2, 2009, which was within the four week allowance for a change. The next action is to obtain a preliminary approval in March, 2008 and the final approval in July 2008. The official NURETH-13 website will be open in March 2008 to be preceded by an interim site for preliminary announcement in January 2008.

b. NURETH-14 host planning

Cheung proposed to send the call for proposals and go through formal process. The Screening Committee shall contact representatives in Canada, Italy, China and India. Zhang representing X. Cheng of Shanghai Jiatong University indicated that China would be interested in hosting NURETH-15 in 2013. Considering that NURETH-14 would be held either in Europe or in the US, NURETH-15 might be in the US or in Europe. The proposal was nonetheless welcomed by the committee. It was also suggested that China could explore a possibility of hosting NUTHOS-8 in 2010 after Seoul in 2008.

5. Session Status of 2007 ANS Winter Meeting in Washington DC

The technical sessions are:

- a. Research Needs and Current Developments in Best Estimate Computational Thermal-Hydraulic Codes I. Paper session [Mon. p.m.] – Chair: Woods (5 summaries)
- b. Thermal Hydraulics of Conceptual and Innovative Reactor Designs [Mon. p.m.] – Chair: Sun, Sabharwall (4 summaries)
- c. General Thermal Hydraulics I [Tue. a.m.] – Chairs: Hassan, Revankar (7 summaries)
- d. Research Needs and Current Developments in Best Estimate Computational Thermal-Hydraulic Codes II. Panel session [Tue. p.m.] – Chair: S. Bajorek, Cancelled
- e. General Thermal Hydraulics II [Wed. a.m.] – Chairs: Woods, Hogan (8 summaries)
- f. Young Professional Thermal Hydraulics Research Competition [Wed. p.m.] – Chairs: Revankar, Todd, More judges needed (6 summaries)
- g. Experiments and Validation in Thermal Hydraulics [Thu. A.m.] – Chair: Revankar (8 summaries)
- h. General Two-Phase Flow [Thu. p.m.] – Chair: S.J. Kim (7 summaries)

This item was covered simultaneously with item 6.

6. Review of Session Assignments and Feedback

Muftuoglu reported that the division received 45 summaries and a couple of sessions were divided in parts. He stated that he had had difficulties in securing session chairs on account of proximity with NURETH-12 to the extent that he was forced to turn to graduate students. Concerns were expressed that that it was not appropriate to have students chair sessions at national ANS meetings. There was a supporting argument that co-chairs be solicited from junior members such as students because it offered them an opportunity to gain technical experience. It was nonetheless countered that the co-chairs were expected to be equally qualified as chairs so that the student chairmanship ought to be reconsidered. Muftuoglu brought it to a close that he would reflect on ways to maintain qualified chairs and co-chairs in upcoming meetings and be more careful about organizing a panel session.

For further details, see a summary report (Attachment D) distributed at the meeting.

7. 2008 ANS Annual Meeting Program in Anaheim, CA

Proposed technical sessions are:

- a. Panel on Thermal Hydraulic Aspects of Nuclear Hydrogen Systems (joint panel session with the Nuclear Hydrogen Working Group) - Revankar, Oh
- b. General Thermal Hydraulics - Ninokata, Vierow, Woods
- c. Two-Phase Flow Experimentation - Hassan, Sun
- d. CFD Analysis of Rod Bundles - Hochreiter, Frepoli, Ninokata
- e. Thermal Hydraulics of Spent Fuel - Arndt, Hochreiter
- f. Thermal Hydraulic Aspects and Licensing of Gen III and Gen III+ Reactors - Hochreiter, Frepoli, Suh, Bilbao y Leon

For further details, see a summary report distributed at the meeting (Attachment E).

Action Item: PC members shall solicit summaries.

8. Update on Session Organizer Participation

Action Item: Muftuoglu will email organizers reminding them of their duties and assignments (see Attachment F).

9. 2008 ANS Winter Meeting Program in Reno, NV

Proposed technical sessions are:

- a. Panel NUTHOS-7 Highlights - Suh, J.H. Kim, Ninokata
- b. Young Professional Thermal Hydraulics Research Competition – Todd, Marshall (judges as well as chairs are needed)
- c. High-Temperature Gas-Cooled Reactor Technology – Marshall, Sun, Hassan, Oh
- d. General Thermal Hydraulics – Shripad, Vierow, Rempe, S.J. Kim, Saha
- e. General Two-Phase Flow – S.J. Kim, Sun, Cheung, Vierow
- f. Computational Thermal Hydraulics – Woods, Powers, Saha, Ninokata

10. NURETH-12 Update

Muftuoglu provided an update on this meeting as summarized in Attachment G.

11. NUTHOS-7 Update

Suh provided a brief update on the conference. The abstract deadline is December 17, 2007. He said that the selected peer-reviewed papers will be recommended for publication in the archival journals of Nuclear Science & Engineering, Nuclear

Technology, Nuclear Engineering & Design, and Nuclear Engineering & Technology.

12. Old Business

None.

13. New Business

None.

The meeting was adjourned at 5:09 p.m.

Minutes prepared by K.Y. Suh

Attachment A

Attendee List

JHD Program Committee Mtg November 11, 2007

<u>Name</u>	<u>Phone</u>	<u>Email</u>
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Attachment B

PROPOSED AGENDA

**American Nuclear Society – Thermal Hydraulics Division
Program Committee Meeting
Omni Shoreham Hotel, 2500 Calvert Street, NW, Washington, DC
3:00 – 5:00 p.m., Sunday, November 11, 2007
Location: Parlor # 500**

1. Opening (Muftuoglu)
2. Approval of Meeting Agenda (All)
3. Minutes from June 2007 Annual Meeting (Suh)
4. Action Items from June 2007 Annual Meeting (Muftuoglu)
 - a. NURETH-13 host proposals (Muftuoglu)
 - b. NURETH-14 host planning (Muftuoglu)
5. Session Status of 2007 ANS Winter Meeting in Washington, DC (Muftuoglu)
6. Review of Session Assignments and Feedback (Muftuoglu)
7. 2008 ANS Annual Meeting Program in Anaheim, CA (Muftuoglu)
8. Update on Session Organizer Participation (Muftuoglu)
9. 2008 ANS Winter Meeting Program in Reno, NV (Muftuoglu)
10. NURETH-12 Update (Muftuoglu)
11. NUTHOS-7 Update (Suh)
12. Old Business (All)
13. New Business (All)