

**Minutes of the Program Committee Meeting
ANS Thermal Hydraulics Division**

**2005 ANS Winter Meeting
OMNI Shoreham Hotel, Washington, DC
3:00 –5:00 PM, Sunday, November 13, 2005
Room: 362**

Attendees: Chang Oh, Kurshad Muftuoglu, Karen Vierow, Robert Martin, Shripad Revankar, Joy Rempe, David Pointer, Xiaodong Sun, Rusi Taleyarkhan, Larry Hochreiter, Tom Larson, Gary Wilson, Jong Kim, Cetin Unal, F. Bill Cheung, Kune Suh, Emilio Baglietto, Yassin Hassan, Soon Chang (Attachment A)

1. Opening

Kurshad Muftuoglu called the THD Program Committee Meeting to order at 3:05 p.m.

2. Approval of meeting Agenda

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

3. Minutes from June 2005 Annual Meeting (San Diego)

The meeting minutes from the 2005 June meeting in San Diego were approved.

4. Action Items from June 2005 Annual Meeting

a. 2005 ANS Winter Meeting:

On 10CFR50.46 revisions, Larry Hochreiter will chair the panel session on risk-informed revision to 10 CFR 50.46. Invited panelists are Larry Hochreiter from Penn State, Bert Dunn from Areva, Brian Sheron from NRC, and Wayne Harrision from Westinghouse Owners Group. The meeting is scheduled on Tuesday 1 p.m.

b. The adhoc committee on professional workshop has not made any progress. A general workshop is a good idea. Gary Wilson who is involved in Nuclear Installations Safety Division (NISD) as a webmaster plans a large scale accident- related workshop. He is looking at a co-sponsoring opportunity with THD. General consensus is that workshop should be fully subsidized. Workshop is new to THD. However, THD needs to plan a number of workshops in 2007-2008 timeframe.

c. Tom Larson reported that the 2006 American Nuclear Society Student Conference will be held in RPI from March 30 to April 1 2006. Tom plans to have 4 to 5 hours RELAP5 workshop. The conference website is up now.

Tom Larson and Yassin Hassan will explore a non-profit workshop at RPI. Tom and Yassin will contact Gary Johnsen at INL for RELAP5 workshop.

d. Young Professional Thermal Hydraulics Research Competition;
THD needs to work on this event. The criteria of participants are the age of 36 or less, or with less than 5 years experience in the area of thermal hydraulics. Kurshad Muftouak will upload Call for Papers into Website and will also send it to THD members via email. Bob Martin stated that Don Todd prepared fliers.

The evaluation criteria are based on both technical paper and presentation. A reviewer committee will be selected after the participants are identified (to avoid conflict of interest concerns).

e. Nuclear Hydrogen Technical Group;

Chang Oh was contacted by Per F. Perterson at UC Berkeley on an issue of mutual coordination for future hydrogen and/or power conversion related technical sessions between THD and embedded topical session organizers. Two sessions organized by THD and ICAPP-06 are similar, and we will improve their coordination.

Action Item:

Chang Oh and Shripad Revankar will attend the Professional Divisions Committee meeting and meet with the hydrogen working group to improve coordination of future meetings.

f. The H&A committee chose the 2005 ANS Winter Meeting as this year's location for the THD H&A Banquet. An option was to coordinate with the NURETH-11 organizers to hold it in Avignon, France. NURETH-11 organizers were informed by Jong Kim concerning the THD decision of the THD-sponsored awards presentation location.

The NURETH-12 organizers are now actively reviewing proposals from two hotels that can host this event.

g. On NURETH-12, the fixed dates for the NURETH-12 are from September 30 to October 4, 2007. Scheduled social events include: Welcome reception on Sunday, dinner cruise on Monday night, and award ceremony on Tuesday. The award ceremony is included in the registration fee. The early registration will be \$500, while the late registration fee is \$ 750.

h. On NURETH-12 selected papers, Yassin Hassan will check to see with Nuclear Engineering Design if those papers need extra reviewing processes. [Note: Since NURETH-12 will be a Class I meeting, ANS reserves the copyright on the meeting publications; as such, papers selected for a special edition may not be eligible for NED.]

5. Review of Session Organizer Responsibilities

Kurshad expressed concern over the inconsistent support by PC members for addressing abstract reviews for the ANS meeting. He did acknowledge his appreciation to those who reviewed papers submitted to THD sessions in a timely manner and provided a review of session organizer's responsibilities (Attachment C)

6. 2006 ANS Annual Meeting Program (Reno)

The abstract submission deadline date is January 6 2006.

7. 2006 ANS Winter Meeting Program (Albuquerque)

Bob Bush, the technical program chair, will identify all the sessions and tracks in the right place. Bob needs all the session information by Wednesday at the National Program Committee meeting and a 100 word abstract of the proposed session by December 15, 2005. The venue hotel is Hyatt Double Tree Inn from November 12 to 16, 2006. Paper review will be done on July 10 and 11 in Chicago.

Proposed sessions for 2006 ANS Winter Meeting;

Severe accident phenomena and code development; Rempe/Vierow/Suh
General Thermal Hydraulics; Hassan/Cheung/Shoop
General two-phase flow; Revankar/Sun/J. Kim
Panel discussion on Thermal Hydraulic Limits for Gen-IV Reactors; Hochreiter/Oh/Suh
Computational Thermal Hydraulics; Hassan/Ninokata/Don Todd
Thermal Hydraulic Advanced Systems; Bob Martin/El-Genk/Larson

Action Item: A 100 word abstract should be sent to Bob Bush by December 15, 2005. Responsible persons to write up: Rempe, Hassan (for 2 sessions), Revankar, Hochreiter, Martin.

8. NURETH-11 Report

There were nearly 500 meeting registrants representing approximately 31 countries. Presentation of nearly 400 papers plus additional presentations appearing in two special topics sessions provided the technical portion of the meeting.

Dr. Graham Wallis, professor emeritus at Dartmouth University and Chairman of the USNRC's Advisory Committee on Reactor Safeguards, provided a plenary presentation; Dr. Richard Lahey, professor emeritus at Rensselaer Polytechnic Institute, also provided a plenary presentation; and Dr. Novak Zuber, retired USNRC, was presented a Medal of Honor from the Société Française de l'Energie Nucléaire for his lifetime achievements.

9. NURETH-12 Update

Please see 4f.

10. Committee Reports

Committee reports can be found in THD Newsletter.

11. Old Business

No old business

12. New Business

No new business

The meeting was adjourned at 5:05 pm.

Minutes prepared by Chang Oh

Nov. 13.

ANS T/W PC Meeting #362

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Attachment B

PROPOSED AGENDA

American Nuclear Society – Thermal Hydraulics Division

Program Committee Meeting

**Omni Shoreham Hotel
Washington, D.C.**

3:00 – 5:00 PM, Sunday, November 13, 2005

Location: Parlor #362

- 1. Opening**
- 2. Approval of Meeting Agenda**
- 3. Minutes from June 2005 Annual Meeting**
- 4. Action Items from June 2005 Annual Meeting**
- 5. Review of Session Organizer Responsibilities**
- 6. 2006 ANS Annual Meeting Program (Reno)**
- 7. 2006 ANS Winter Meeting Program (Albuquerque)**
- 8. NURETH-11 Report**
- 9. NURETH-12 Update**
- 10. Committee Reports: Web page, Membership**
- 11. Old Business**
- 12. New Business**

Attachment C

**American Nuclear Society
Thermal Hydraulics Division
Program Committee**

**Discussion on Session Organizer's Responsibilities
(November 13, 2005 - Washington, D.C.)**

Session Organizer materials are available from the National Program Committee:
<http://ans.org/meetings/session/>

THD paper acceptance criteria available from:
<http://thd.ans.org/sessions/>

Session Organizer's Responsibilities (Summary):

1. Provide a brief (100-word) description of the session.

This is generally handled by PC chair and/or NPC liaison when we enter the request. In many cases, no additional description is provided. However, depending on the meeting TP chair, we may get a request. Please be prepared to assume this responsibility.

2. Solicitation of the papers for the session.

Many of our sessions attract authors without any additional solicitation. However, this is where the session organizers makes a difference. Organizers should consider using personal contacts, encouraging co-workers, colleagues, and/or students, and finally participate by submitting from their work, as appropriate.

3. Review or arrange for review of the papers

This is the number one area we need our Session Organizers in action. Session organizers are ultimately responsible for ensuring appropriate peer-review for every paper in their sessions. This requires reviewing the summaries themselves, finding and assigning qualified reviewers, and/or suggesting potential reviewers, as appropriate.

4. Chairing the Session

Program Committee Chair makes the effort of assigning the active session organizers as the session chairs. However, ANS HQ rules (I've seen exceptions) requires session chairs who have not chaired last two meetings. In some cases, a co-chair will be assigned, as needed.