

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

**2005 ANS Annual Meeting
Town and Country Hotel and Convention Center, San Diego, CA
3:00 –5:00 PM, Sunday, June 5, 2005
Room: Pacific Salon 4**

Attendees: L. E. Hochreiter, Shripad T. Revankar, F. Bill Cheung, Robert Martin, Donald R. Todd, Undine Shoop, Yassin Hassan, T. K. Larson, Chang Oh, Whee Choe, Jong Kim, Joy Rempe, Kune Y. Suh, Karen Vierow (Attachment A)

1. Opening

The THD Program Committee Meeting was called to order by Bill Cheung at 03:08 p.m.

2. Agenda

Meeting agenda was introduced (Attachment B) and was approved.

3. Minutes from November 2004 meeting (Washington, DC)

The meeting minutes from November 2004 meeting at Washington DC were approved without further comment.

4. Action Items from June 2004 Meeting

a. NURETH-11 registration fee

It was reported that as a result of the THD committee's effort that new registration fee structure was adapted by the NURETH-11. Bob Martin had drafted letter to NURETH-11 organizers. A positive response was received from NURETH-11. The current registration fee for ANS members is 550-Euro until June 30 and after June 30 the fee is 650 Euro. This is against regular registration of 700 and 800 Euro respectively.

b. NURETH-12

The Screening committee has studied the proposal for NURETH-12 by ANS Pittsburgh section. A formal evaluation was done using NURETH criteria with a score of 8.6/10. The screening committee has drafted a letter to the Executive

Committee. Executive Committee feedback to the organizers is expected. Our division member Kurshad Muftuoglu is working hard on the planning and organization.

5. 2005 ANS Winter Meeting Program

Larry Hochreiter is working on a panel session on 10CFR50.46 revisions. He is planning on panel members from NRC, Westinghouse, Framatome, and Penn State. The status of the 10CFR50.46 revisions is currently under consideration by NRC Commissioners.

Bob Martin suggested that as a part of committee performance evaluation, professional development activities such as workshop, educational courses or training camps are important. An adhoc committee was setup to explore the possibility of arranging such workshops. The members of the adhoc committee are Bob Martin, Joy Rempe, Karen Vierow and Kune Suh.

Currently there are 5 sessions announced for the winter meeting sponsored by THD:

5a General Two-Phase Flow (Larry Hochreiter, Xiaodong Sun, Kurshad Muftuoglu)

5b Thermal Hydraulics Code Development and Application (Dave Bessette, Shripad Revankar Joy Rempe)

5c Thermal Hydraulics of Generation IV Reactors (Bob Martin, Kune Suh)

5d Thermal Hydraulics: Computational Fluid Dynamics and Heat Transfer (Yassin Hassan, Hisashi Ninokata)

5e Severe Accident Code Development and Applications (Joy Rempe, Karen Vierow)

Actions Items:

1. Larry Hochreiter will work on the panel setup
2. Bob Martin will make panel session arrangement ready for the winter meeting.
3. An adhoc committee on professional development workshop will work on exploring possibility of arranging workshops at ANS meetings.
4. Tom Larson will work on a possible workshop on RELAP5 during the next ANS Student Conference at RPI.

6. 2006 ANS Annual Meeting Program

The following sessions and chairs were proposed for the 2006 ANS Annual Meeting.

1. *Nuclear Hydrogen Systems* : Chang OH, Shripad Revankar
2. *Thermal Hydraulics Aspects in Nuclear Space Propulsion*: Larry Hochreiter, Tom Larson
3. *General Thermal Hydraulics*: Yassin Hassan, Xiaodong Sun, Undine Shoop
4. *Thermal Hydraulics Research- Young Professional Competition*: Don Todd, Undine Shoop
5. *Thermal Hydraulics in Gen IV Reactors*: Kune Suh, Bob Martin, Karen Vierow

Actions Items:

1. An adhoc committee with members Don Todd, Larry Hochreiter, Shripad Revankar and Undine Shoop will work on implementation *Thermal Hydraulics Research- Young Professional Competition* session in 2006 Annual Meeting and developing procedures for the session paper competition.
2. Shripad Revankar will contact Ken Shultz of Nuclear Hydrogen Technical Group about possible co-sponsorship on the session *Nuclear Hydrogen Systems* at 2006 Annual Meeting

7. ANS International Topical Meetings.

1. NURETH-11 (France, 2005) update report was given by Jong Kim on number of papers and authors. More detail was not available.
2. NURETH-12 as Kurshad Muftuoglu could not attend this meeting. Details on the conference hotel and other arrangements were not reported.

Actions Items:

1. Jong Kim will communicate to NURETH-11 organizers concerning THD decision on where the THD-sponsored awards will be given.
2. Larry Hochreiter and Kurshad Muftuoglu will (a) fix and confirm the dates for the NURETH-12 meeting, (b) inform about the award ceremony, reception dinner details during NURETH-12 meeting.
3. Yassin Hassan will check on the publication of the NURETH-12 selected papers in Nuclear Engineering and Design.
4. Kurshad Muftuoglu will check on the publication of the NURETH-12 selected papers in Nuclear Technology.

8. Subcommittee Reports

1. *Web Page Subommittee*: Bob Martin informed that the web page is updated.
2. *Membership Subcommittee*: It was reported that the current membership of the division is 921 which is 6.1% increase from last year.

9. New business

No new business.

The meeting was adjourned at 4:30 pm

Minutes prepared by Shripad Revankar

Attachment A

Attendee List

6/5/05

ANS-THD Program Committee Meeting

<u>Name</u>	<u>Institutions</u>	<u>E-mail</u>
SHRIPAD T. REVANKAR	Purdue University	shripad@ecn.purdue.edu
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T. K. Hanson	INL	tkh@inl.gov

Attachment B

PROPOSED AGENDA

American Nuclear Society – Thermal Hydraulics Division

Program Committee Meeting

Town and Country Resort & Convention Center, San Diego, California

3:00 –5:00 PM, Sunday, June 5, 2005

Room: Pacific Salon 4

1. Opening
2. Approval of Meeting Agenda
3. Minutes from November 2004 Meeting
4. Action Items from November 2004 Meeting
5. 2005 ANS Winter Meeting Program
6. 2006 ANS Annual Meeting Program
7. NURETH-11 Status Update
8. NURETH-12 Status Update
9. Committee Reports: Web page, Membership
10. New Business