

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

**2005 ANS Annual Meeting
Town and Country Hotel and Convention Center, San Diego, CA
5:00 –7:00 PM, Sunday, June 5, 2005
Room: Pacific Salon 4**

Attendees: Kurshad Muftuoglu, 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, K. Y. Suh, Jeremy Whitlock (ANS Board Liaison), Soon Chang, Hisashi Ninokata, Karen Vierow (Attachment A)

1. Opening

Yassin Hassan called the THD Executive Committee Meeting to order at 4:45 p.m.

2. Approval of Meeting Agenda

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

3. Minutes from November 2004 Winter Meeting

The meeting minutes from the November 2004 meeting in Washington DC were approved as amended in the list of attendees to correct the spelling of Soon Heung Chang's name (misspelled as Sooh).

4. Action Items from November 2004 Meeting

A. Bylaws

Bob Martin reported that the Bylaws and Rules Committee should have final approval on Standard Bylaws and Model Rules during the June ANS Board of Directors meeting. This means that the THD bylaws will need to be changed to the Standard Bylaws. Bob has reviewed the existing THD bylaws and a few "rules" statements appear that now need to be incorporated into the THD Rules. The Bylaws and Rules committee is encouraging all divisions to do this as soon as practical. The new changes allow the professional divisions to draft division rules that only have to be approved by the division executive committee.

Action item: Bob will draft the new THD Bylaws and Rules.

- B. Update on the proposed Computational Medical Physics technical group
The THD voted positively at the November 2004 meeting on the proposal for the new group, along with 15 of the 19 Technical Divisions. The proposal was later retracted.

5. Treasurer's Report

Bob Martin reported for Jovica Riznic that the THD budget submittal was late. Confusion arose with the student conference support. It was not received, perhaps due to a late check. The check should arrive shortly.

THD has not been meeting ANS metrics well with regard to student support. The entire student budget has been given to the conference while ANS requests that student travel is also supported for the annual and winter meetings. THD needs to establish a strategy.

The Executive Committee voted to allocate the student budget as follows:

\$1500 student national conference
\$300 student travel support to the winter meetings
\$200 student travel support to the annual meetings

6. Program Committee Report

Shripad Revankar reported on the preceding Program Committee meeting. Preparations for the NURETH-11 conference in Oct. 2005 and NURETH-12 in 2007 were discussed. The following 2006 Annual Meeting sessions were approved for presentation to the National Program Committee on Wednesday:

Nuclear Hydrogen Systems – Shripad Revankar, Chang Oh

Thermal Hydraulic Aspects in Nuclear Space Propulsion – Larry Hochreiter, Tom Larson

General Thermal Hydraulics – Yassin Hassan, Undine Shoop

Thermal Hydraulics Research Young Professionals Competition – Don Todd, Undine Shoop, Larry Hochreiter, Shripad Revankar

Thermal Hydraulics in Gen IV Systems – Kune Suh, Bob Martin, Karen Vierow

7. Honors and Awards Committee Report

As H&A Chair, Bill Cheung presented current membership issues.

The Committee is comprised of the past 4 THD chairs and 4 elected members. Currently,

Joy Rempe and Chang Oh are the only elected members.

H&A considers international nominees for the Technical Achievement Award but past chairs are always US members. An elected foreign member is desirable.

The motion to elect 2 new members with one of them being international was passed. Hisashi Ninokata and Karen Vierow were elected as the new members.

Following this meeting, Bill's term as Chair will end and Cetin Unal will be the next Chair.

Bob Martin reported that in the June 5 meeting with Division Chairs, the ANS President called for more nominations for Honors and Awards.

8. Nominating Committee Report

There was no report from the Nominating Committee.

9. Membership Committee Report

Bob Martin reported that THD currently has 921 members.

Yassin Hassan recommended that the THD Program and Executive Committees should also have international members.

Kurshad said that he has a THD email list with 791 addresses and 40 of them bouncing.

Action Item: Bob or Kursad will contact ANS about a new email list of THD members.

10. Old Business

NURETH-12

Kurshad Muftuoglu proposed that selected NURETH-12 papers be published in a special issue of *Nuclear Engineering and Design* or *Nuclear Technology*. Joy Rempe recommended that ANS journals be used. The editor of *Nuclear Technology* has been generous in the past with reducing page charges to about \$30. Kurshad has already tried to make initial contact with the editors of *Nuclear Engineering and Design* or *Nuclear Technology*.

Action Item: Yassin Hassan will take over as the contact for *Nuclear Engineering and Design*.

11. New Business

A. Petition for new Nuclear Production of Hydrogen technical group

A new group has been proposed to encourage nuclear production of hydrogen. THD voted to approve this group. Bob Martin will present the THD position Tuesday at the Professional Divisions meeting.

- B. Petition for new Young Member Professional Development technical group
Don Todd and Undine Shoop explained that the proposed group would encourage the activity of younger members who are no longer students. Programs would be organized to support their professional development. The benefits include increased membership in the society, for which only 7% of the membership is below 35 years of age. Steve Shepherd added that the group would assist younger professionals into ANS position and that no new demands would be placed on existing divisions.

The group would be treated as a technical group because ANS does not have a more appropriate classification. However the group would not be competing with technical divisions. No technical sessions or topicals could be organized by the group without a technical division sponsor.

THD members expressed the following concerns:

- Discrimination may occur in favor of youth.
- Travel funding, technical awards, recognition must be given without consideration of age. Extra effort must be expended on the part of the individual to earn these benefits, independent of age.
- A mentoring mechanism is needed.
- Instilling of professionalism must begin at the university level with careful and diligent mentoring of students.
- There are already several mechanisms in place within ANS to support younger members and these may overlap with the proposed group.
- Young members have the option to join local sections, although this would not provide them the national exposure.

The THD voted 4-3 against this proposal. Bob Martin will present the THD position Tuesday at the Professional Divisions meeting.

(Note from the meeting minutes preparer: after the meeting and discussion with Don Hoffman, a revote was taken as 4-3 in favor of the proposal. This is the position that was presented at the Professional Divisions meeting.)

12. Presentations by Guests

- A. Student national conferences
Ohio State University students expressed appreciation for the THD contribution of \$1500 to the April 2005 conference. They reported 120 presentations, including 16 thermal hydraulics papers. (Attachment C)

Rian Bahran of RPI represented the organizers of the 2006 Student National

Conference, to be held at RPI on Mar. 30 – Apr. 1, 2006. The theme will be “Nuclear Power: A Look at the Future”. Any support that THD can provide will be appreciated. They would consider proposals for topical at the student conference.

- B. Steve Shepherd on preparations for the 2005 ANS Winter Meeting
As of June 5, only 1 abstract had been submitted to 5 THD sessions. Typically, 100-120 papers have been submitted by this time, yet only 10 have been received. THD must actively solicit papers.

Deadlines:

Tuesday of the 2nd week in July: auction for sessions

Abstracts are needed 2 weeks ahead of this to allow time for review.

June 20, 2005: extended deadline for abstract submission

Steve expressed appreciation to the Program Committee for putting together a strong program.

The meeting was adjourned at 6:00 pm

Minutes prepared by Karen Vierow

Attachment A

Attendee List

THD Executive Committee Meeting		
Name	Affiliation	Email
Karen Vierow	Purdue University	vierow@ecn.purdue.edu
KURSHAD MUFTUOGLU	Westinghouse	muftuozk@westinghouse.com
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Hisashi NINOKATA	TITech	hninkat@nr.titech.ac.jp

Attachment B

American Nuclear Society – Thermal Hydraulics Division

Executive Committee Meeting

**Town & Country Hotel and Convection Center
San Diego, California**

5:00 – 7:00 PM, Sunday, June 5, 2005

Location: Pacific Salon 4

1. Opening
2. Approval of Meeting Agenda
3. Minutes from November 2004 Winter Meeting
4. Action Items from November 2004 Meeting
5. Treasurer's Report
6. Program Committee Report
7. Honors and Awards Committee Report
8. Nominating Committee Report
9. Membership Committee Report
10. Old Business
11. New Business

Attachment C

(National Student conference report)

[NOTE: In the interest of reducing file storage size, this attachment has been removed]