

Minutes of the Executive Committee Meeting

**Thermal Hydraulics Division
2008 American Nuclear Society Annual Meeting
Disneyland Hotel, Anaheim CA
5:00 – 7:00 p.m., Sunday, June 8, 2008
Disney Exhibit Hall Room I**

Attendees: K.Y. Suh, B.G. Woods, Y.A. Hassan, X. Sun, C. Oh, S.T. Revankar, J.H. Kim, K. Muftuoglu, F. Bill Cheung, S.Y. Lee, C. Unal, J. Rempe, J. Reyes, H. Ninokata (same order as in Attachment A)

1. Opening

Revankar called the THD Executive Committee Meeting to order at 5:09 p.m.

2. Approval of Meeting Agenda

The meeting agenda (Attachment B) was introduced and approved. It was told that the Student Conference will be held at the University of Florida, Gainesville, FL on April 1 through 5, 2009. Five students will be financially supported at \$ 500 each. Judges will be needed.

3. Minutes from November 2007 Winter Meeting

The meeting minutes from the November 2007 meeting in Washington, DC (Attachment C) were approved.

4. Action Items from November 2007 Winter Meeting

a. Inactive Members

Muftuoglu reported on behalf of Martin that the inactive members had been removed. Revankar confirmed with the Membership Committee using the list that Martin had provided.

b. Ad-hoc Committee on Long-term Finances

The Long-term Finance Committee has completed their review of the THD finances, and a report has been prepared with their recommendations. This report was presented as part of the treasurer's report below.

5. Treasurer's Report

Revankar presented the treasurer's report on behalf of Vierow. As noted in Attachment D, the total revenue for the last 12 months was \$19,621 (including carry-

forward), and the total expenses were \$5,191, leaving the division a balance of \$14,430. Note that NURETH12 revenue wasn't received at the time that this report was generated (it will be included in next year's report). As noted above in Section 4 Action Items, an Ad-hoc Committee (Vierow, Cheung and Rempe) on Long-Term Finances was asked to look at past THD expenses and revenues, estimate future expenses and revenues (considering possible income from upcoming conferences in their appropriate years, and to develop recommendations for spending that would ensure that sufficient revenue was available for THD expenses. In order to ensure that there are sufficient funds available to withstand the three years between conferences in which revenue is generated, the Ad-hoc Committee recommended that the expenses be limited to \$3216/year. Currently, the Division has a 7-year reserve, including the NURETH-12 income. The ad-hoc committee recommended that this excess reserve be reduced to a 3-year reserve by allowing higher student support over the 2009-2013 years. Recommended spending would consist of \$1800/year for awards and plaques, \$2500/year for student support, and \$1000/year for scholarship/NEED support. Although the budget must be approved by the Executive Committee annually, a motion to adopt the Ad-hoc Committee recommendations was made by Revankar, and seconded by Oh. The Executive Committee unanimously agreed to adopt the Ad-hoc Committee recommendations.

6. Program Committee Report

a. NURETH-12 Report

Muftuoglu provided an update on this meeting. Selected papers from the meeting are being published in special editions of Nuclear Technology (with Special Editors Cheung, Vierow, and Rempe), Nuclear Engineering & Design (with Special Editor, Hassan) and Nuclear Engineering & Technology (with Special Editor, Suh).

b. NUTHOS-7 Update

Suh provided a brief update on the conference. He reported that there were a total of 271 abstracts received from 26 countries. The upcoming dates are June 30, 2008 for full manuscripts; July 31, 2008 for notification of acceptance; August 29, 2008 for camera-ready manuscripts and pre-registration. He repeated that selected peer-reviewed papers will be recommended for publication in archival journals of Nuclear Science & Engineering, Nuclear Technology, Nuclear Engineering & Design, and Nuclear Engineering & Technology.

c. NURETH-13 Update

Ninokata briefed the committee that the conference would be held in Kanazawa, Japan from September 27 through October 2, 2009. The meeting category is Class IV. The Local Organizing Committee was established and had its first meeting in February 2008 at Nikko Hotel, Kanazawa, 100 km north of Kyoto, Japan. The

National Program Committee is to grant preliminary approval in July in Chicago, IL.

d. 2008 ANS Winter Meeting, Reno, NV

- Panel NUTHOS-7 Highlights (Suh, J.H. Kim, Ninokata)
- Young Professional Thermal Hydraulics Research Competition (Todd, Marshall)
- High Temperature Gas-Cooled Reactor Technology (Marshall, Sun, Hassan, Oh)
- General Thermal Hydraulics (Revankar, Vierow, Rempe, S.J. Kim, Saha)
- General Two-Phase Flow (S.Kim, Sun, Cheung, Vierow)
- Computational Thermal Hydraulics (Woods, Powers, Saha, Ninokata)

e. 2009 ANS Annual Meeting, Atlanta, GA

Muftuoglu reported that the proposed technical sessions are:

- General Thermal Hydraulics (Hassan, Cheung, J.H. Kim)
- Rod Bundle Thermal Hydraulics (S. Kim, Ninokata)
- Thermal Hydraulics of Advanced Reactors (Woods, Hassan, Leon)
- Computational Thermal Hydraulics (Muftuoglu, Guillen, Luxat)
- General Two-Phase Flow (Sun, Kim, Saha)
- Severe Accidents and Fluid-Structure Interaction (Guillen, Rempe, Vierow, Unal)
- Thermal Aspects of Nuclear Material Handling and Environmental Monitoring (Lee, Oh)

7. Honors and Awards Committee Report

a. Solicitation for TAA

Hassan reported on behalf of Choe that the deadline was July 1.

b. Young Professional Thermal Hydraulics Research Competition

Revankar reported on behalf of Todd that the same practice shall be followed as last year.

c. New Fellow Nomination

Action Item: Honors and Awards Committee shall look into this matter.

8. Nominating Committee Report

Rempe announced the new officers and executive members that will assume office after this June ANS meeting.

9. Membership Committee Report

There was no report from the Committee.

10. Old Business

None.

11. New Business

None.

The meeting was adjourned at 6:35 p.m.

Minutes prepared by K.Y. Suh

Attachment A

Attendee List

INSPIRE. INNOVATE. DREAM.



IDEAPAD

THD Executive Committee Mtg June 8, 2008

Name	phone	Email
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Disneyland
RESORT

Attachment B

Proposed Agenda

**Thermal Hydraulics Division Executive Committee
2008 American Nuclear Society Annual Meeting
Disneyland Hotel, Anaheim CA
5:00 – 7:00 p.m., Sunday, June 8, 2008
Disney Exhibit Hall Room I**

- 1. Opening (Shripad)**
- 2. Approval of Meeting Agenda (All)**
- 3. Minutes from November 2007 Winter Meeting (Kune)**
- 4. Action Items from November 2007 Winter Meeting**
 - a. Inactive Members -Confirm with the Membership Committee using the list Martin provided (Bob and Shripad)
 - b. Ad-hoc Committee on Long-term Finances and give recommendation to the Executive Committee (Karen)
- 5. Treasurer's Report (Karen)**
- 6. Program Committee Report (Kurshad)**
 - a. NURETH-12 Report (Kurshad)
 - b. NUTHOS-7 Update (Kune)
 - c. NURETH-13 Update (Hisashi)
 - d. 2008 ANS Winter Meeting, Reno, NV (Kurshad)
- 7. Honors and Awards Committee Report (Whee)**
 - a. Solicitation for TAA (Whee)
 - b. Young Professional Thermal Hydraulics Research Competition (Don)
 - c. New Fellow Nomination
- 8. Nominating Committee Report (Joy)**
- 9. Membership Committee Report (Bob)**
- 10. Old Business (All)**
- 11. New Business (All)**

Attachment C

Minutes of the Executive Committee Meeting

**Thermal Hydraulics Division
2007 American Nuclear Society Winter Meeting
Omni Shoreham Hotel, 2500 Calvert Street, NW, Washington, DC
5:00 – 7:00 p.m., Sunday, November 11, 2007
Parlor # 500**

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

1. Opening

Revankar called the THD Executive Committee Meeting to order at 5:16 p.m.

2. Approval of Meeting Agenda

The meeting agenda (Attachment B) was introduced and approved with a modification to include the item, Report on Division Chairs' Meeting with President.

3. Minutes from June 2007 Annual Meeting

The meeting minutes from the June 2007 meeting in Boston, MA (Attachment C) were approved with a correction in the Treasurer's report.

4. Action Items from June 2007 Annual Meeting

a. Bylaws & Rules Update

The ANS wants to have bylaws from each division on a simple and uniform template. Because the ANS revised this template, the previously approved bylaws will be revised. There was a concern that the division may not be gaining anything with all the efforts, though.

b. Inactive PC Members

Action Item: Confirm with the Membership Committee using the list Martin provided.

5. Treasurer's Report

There was a general concern that the budget was dwindling for the past few years without a clear prospective of the Division's long term financial security. It was

discussed that the Division should ask the Society for support for the number of papers exceeding the minimum requirement. With respect to the student conference, Cheung moved that the allocation be reduced to \$2,500 and that travel for students to national meetings be limited to \$250 for each annual and winter meeting. After discussion among the EC members, the motion was voted upon and passed. There was a visit by TAMU students requesting support for the ANS student conference. See Attachment D for more details.

Action Item: An ad-hoc Committee (Vierow, Rempe, and Cheung) was appointed by Revankar to look into the THD's long-term finances and give recommendation to the Executive Committee.

6. Program Committee Report

a. NURETH-12 report

Muftuoglu provided an update on this meeting. Selected papers from the meeting shall be published in special editions of Nuclear Technology (with Special Editors Cheung, Vierow, and Rempe), Nuclear Engineering & Design (with Special Editor, Hassan) and Nuclear Engineering & Technology (with Special Editor, Suh).

b. NUTHOS-7 update

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

c. NURETH-13 update

Ninokata reported on hosting NURETH-13 in Kanazawa, Japan in the last week of September 2009 as detailed in the PC meeting minutes.

d. 2008 ANS Annual Meeting, Anaheim, CA

Muftuoglu reported that the proposed technical sessions are:

- Panel on Thermal Hydraulic Aspects of Nuclear Hydrogen Systems (joint panel session with the Nuclear Hydrogen Working Group)
- General Thermal Hydraulics
- Two-Phase Flow Experimentation
- CFD Analysis of Rod Bundles
- Thermal Hydraulics of Spent Fuel
- Thermal Hydraulic Aspects and Licensing of Gen III and Gen III+ Reactors

7. Honors and Awards Committee Report

a. Solicitation for TAA

Choe reported that J.H. Kim had been selected for the TAA.

b. Best Paper Award

Hassan reported that none had been selected.

c. Young Professional Thermal Hydraulics Research Competition

Todd reported that the same practice shall be followed as last year.

d. New Fellow Nomination

Hassan shall advertise the nomination.

Action Item: Honors and Awards Committee shall look into this matter.

e. Report on Division Chairs' Meeting with President

Revankar briefed the attendees on the meeting. Of particular interest to the THD is that the member allocation may be increased.

8. Nominating Committee Report

Rempe reported on the following nominations.

Chair: C. Oh

Vice Chair: K. Vierow

Secretary: H. Ninokata

Treasurer: K.Y. Suh

EC: R. Martin (2 yr), H. No (3 yr), and B. Woods (3 yr)

9. Membership Committee Report

There was no report from the committee.

10. Old Business

None.

11. New Business

None.

The meeting was adjourned at 7:15 p.m.

Minutes prepared by K.Y. Suh

Attachment D

Treasurer's Report (May 13, 2008)

For 2007, the Division's income of \$19,621 comes from the 2006 carry forward and our member allocation. THD expenses are support for awards and plaques, the student conference at Oregon State University in April 2007, student travel support to the ANS Annual Meeting (June 2007) and the ANS Winter Meeting (November 2007), and scholarships including the NEED program.

Revenue		
Type	Item	
Member Allocation	\$1/THD Member	962
Carry Forward from 2006		17,129
Division Income from meeting revenue support		1,530
TOTAL REVENUE		19,621
Expenses		
Type	Item	
Awards, Plaques		1,191
Student Conference Support	Oregon State Univ. meeting	3,000
Student Travel Support	June 07 Meeting	250
Student Travel Support	Nov. 07 Meeting	250
Scholarship/NEED	Scholarship/NEED and THD award support	500
TOTAL EXPENSES as of 12/31/07		5,191
Balance as of 12/31/07		14,430

Awards-related expenses for the year 2007

- Technical Achievement Award at \$1000
- Technical Achievement Award plaque at \$64
- Recognition plaque for Division Chair at \$60
- Young Professionals Thermal Hydraulic Research Presentation Award plaque at \$67

An allocation was made for a Best Paper Award at \$500, however an award was not given in 2007.

Income from NURETH-12

The Division will be credited with \$10,698.32 as income from the NURETH-12 conference held in October 2007.

2008 Budget

For 2008, the Executive Committee approved the following expenses at the November 2007 meeting:

- \$1800 for awards and plaques (same as in 2007)
- \$3000 for student support (down \$500 from 2007)
- \$500 for Scholarship/NEED (same as in 2007)

Spending Plan

An ad-hoc Committee (Vierow, Rempe, and Cheung) was appointed by the Division Chair at the November 2007 Executive Committee meeting to evaluate the THD's long-term finances and recommend a spending plan. This plan will be presented to the Executive Committee at the June 2008 meeting.

The basic objective of the plan is to maintain a three-year reserve. An annual spending rate has been determined that considers income from domestic NURETH and ICAPP conferences, the change from meeting revenue income to an increased membership allocation and conservative estimates on projected Division membership changes. Profit share from foreign-held NURETH and all NUTHOS conferences will be allocated to the Technical Achievement Award endowment. The current practice of providing no funding for Division Officer expenses and national meeting costs is continued in the proposed spending plan.

*Karen Vierow, Texas A&M University
2007-2008 Treasurer
ANS Thermal Hydraulics Division*