

# Minutes from Executive Committee Meeting

**American Nuclear Society – Thermal Hydraulics Division  
Executive Committee Meeting  
Hyatt Regency, Chicago, IL  
4:30 – 6:00 PM, Sunday, June 25, 2012  
Location: Atlanta**

Attendees: Brian Woods (Chair), Xiaodong Sun (Vice-Chair), Dave Aumiller (Secretary), Si Young Lee (Treasurer), Kurshad Muftuoglu, F. Bill Cheung, Igor Bolotnov, Steven Arndt, Elia Merzari, Hisashi Ninokata, Emilio Baglietto, Francesco D'Auria, Yassin Hassan, Xu Cheng, Rui Hu, Seungjin Kim, Whee Choe, Jong Kim, Duwayne Schubring, Chul-Hwa Song, and John Luxat.

The sign in sheets are included as Attachment A.

## 1. Opening

Chair Woods called the THD Executive Committee (EC) meeting to order at 4:30 p.m.

## 2. Approval of Agenda

The proposed meeting agenda was introduced and reviewed. A motion was made and seconded to approve the agenda (Attachment B). The motion was approved.

## 3. Presentation from 2012 and 2013 Student Conference Delegates

Delegations from both UNLV (2012) and MIT (2013) made a presentation to the Executive Committee concerning the student conferences. The UNLV delegation provided details on the successful 2012 conference. The students from MIT focused on the technical aspects of the student conference of the upcoming 2013 student conference.

## 4. Approval of Minutes from 2011 Winter Meeting

The minutes from the 2011 Winter Meeting had already been approved via email.

## 5. Action Items from 2011 Winter Meeting

### 1. Current and prospective PC membership

Program Committee Chair provided a synopsis of the discussion from the Program Committee meeting concerning Program Committee membership. He has prepared a list of those that have reviewed papers and attended Program committee meetings in the recent past. **Outgoing PC chair Muftuoglu took an action item to present a list of prospective new Program Committee members for Executive Committee action.**

### 2. Inclusion of Honors and Awards membership on website

Chair Woods provided an update on the Honors and Awards committee. As a result of not fully understanding the committee membership, there was not a Technical Achievement Award nor a Best Paper award submitted for 2011/2012 cycle. A motion

was made to submit two TAA packages (in priority order) for consideration for the current and past year (retroactively). This motion passed. A motion was made to authorize the expense of the \$1000 award in the event that two TAA awards are made this year. **There were several action items associated with this item: 1) Chair Woods to email headquarters to provide them with advanced notice of this action 2) Chair Woods and F. B. Cheung will draft a letter to headquarters to be provided with the two TAA packages explaining the request.**

## 6. Treasurer's Report

Treasurer Lee provided the following Treasurer's report.

### a. 2011 Division Financial Report

#### **2011 Income (\$22,475)**

For 2011, the Division's income of \$22,475 included the 2010 carry forward (\$17,967), our 2011 member allocation (\$2,258) and income from 2011 Annual and Winter Meetings (\$2,250).

#### **2011 Expenses (\$1,628)**

- \$500, donation to the ANS for student travel support to the ANS National Meeting
- \$500, donation to the ANS for Scholarship/NEED program
- \$59, plaque for outgoing division chair
- \$500, student travel to 2011 ANS Winter Meeting (THD directed)
- \$69, plaque for 2011 ANS THD Young Professional Best Presentation Award

The balance of the THD general funding account at the close of 2011 was **\$20,847**.

### b. 2012 Division Budget

The Executive Committee approved the following expenses at the 2012 ANS Winter Meeting:

- \$1800 for awards and plaques
- \$2500 for Student Support
  - \$500 to ANS National for support of Student travel
  - \$500 for 2012 ANS Student Conference
  - \$1500 student travel to ANS national meetings and embedded topical for 2012 (THD directed)
- \$500 for Scholarship/Need

### c. 2012 Division Financial Report

#### **2012 Division Income**

The 2012 Division income is **\$23,071** including the 2011 carry forward (\$20,847) and our 2012 member allocation (\$2,224).

#### **2012 Expenses (by April 30, 2012)**

- \$500, student support for 2012 ANS Student Conference

The balance of the THD general funding account as of April 30, 2012 was as **\$22,571**.

As part of the Treasurer's report there was a discussion concerning the THD directed support of student travel. A motion was made to prioritize the distribution of the travel funds to support the Winter Meeting, Annual Meeting and ATH. If additional funds are available, they are to be distributed at the discretion of the Chair. The motion passed.

#### **7. Program Committee Report.**

- a. Dr. Jong Kim provided a brief update on NUTHOS-9 to be held in September 2012 in Taiwan. The conference planning is progressing and they conference organizers are still seeking co-chairs for the plenary sessions and session chairs.
- b. Professor D'Auria provided an update on the planning for NURETH-15 to be held in Pisa in May 2013. As part of this meeting, a new award called a NURETH Fellow is being proposed. **Action Item: D'Auria to provide the criteria that will be used to select NURETH fellows for action at the EC meeting at the Winter Meeting.**
- c. Program Committee Chair provided a brief synopsis on the upcoming THD sessions to be held at upcoming meetings. For the 2012 Annual Meeting, there were 7 sessions and a total of 35 papers. For the 2012 Winter Meeting, there will be 2 sessions and the Advances in Thermal Hydraulics embedded topical meeting. There are currently ~25 papers that have been submitted to ATH. The PC chair requested help in finding additional papers.

#### **8. Honors and Awards Committee Report**

As part of establishing a new endowed account that can be used to accept funds from NURETH conferences held outside of the United States, we must obtain ANS Honors and Awards approval for the award. There was a motion to approve the establishment of an award for Best Paper. Motion Passed. **Action Item: THD Honors and Award Committee will contact the national Honors and Award committee to obtain their approval for the endowed account.**

#### **9. Young Professional Thermal Hydraulics Research Competition**

Dr. Merzari provided an update on the Young Research Competition that was held at the 2011 Winter Meeting. A total of 16 papers were submitted and more than 10 papers were presented and judged by a jury of 4 judges. The winner was Marco Pelligrini. The competition will be held at the 2012 Winter Meeting in San Diego.

#### **10. Division Website Report.**

Webmaster Schubring asked that email address updates be provided to keep the contact information on the website current. In addition, he asked any "Call for Paper" flyers be provided so they can be included. He stated that current committee membership lists would be updated following the EC meeting. Finally, he stated that he is seeking a replacement for the position of Webmaster and that several people have expressed interest in the position.

#### **11. Nominating Committee Report**

A list of current nominating committee members was presented. A motion was made to include the following people to the Honors and Awards Committee: Yassin Hassan, F. Bill Cheung and Jong Kim. The motion passed. To help succession planning, the terms of these three members will be staggered for a 1-, 2-, or 3-year term. The Honors and Awards Committee Chair Dr. Oh will work with these three members to decide their terms.

The membership of the conference selection committee was reconfirmed. The committee is chaired by Prof. Jong Kim with the following members: Steven Arndt, Randall Gauntt, Yassin Hassan, Bob Martin, Mike Podowski, and Qiao Wu. This committee will be responsible for reviewing proposals for hosting NURETH-16 and making a recommendation to the EC.

#### **12. Membership Committee Report**

Membership in THD continues to grow and this growth was identified as a strength. Since 2006, membership in THD has increased by 17%.

#### **13. Old Business**

There are several upcoming conferences for which the solicitation of host organizations is required. **There are two related action items: 1) Dr. Jong Kim is to prepare the solicitations. 2) Sun and Woods are to work with Headquarters to distribute the solicitations.**

Chair described the THD presentation to the ANS board. The presentation was well received and the board highlighted some of the THD strengths.

#### **14. New Business**

Woods is to draft a communication to headquarters concerning what many EC members to be exorbitant conference fees, especially when compared to comparable society meetings.

The meeting was adjourned at 5:55 pm.

American Nuclear Society – Thermal Hydraulics Division  
 Executive Committee Meeting  
 Hyatt Regency Chicago, Chicago, IL  
 4:30 – 6:00 PM, Sunday, June 24, 2012  
 Location: Atlanta (Gold Level, West Tower)

Sign In Sheet

Name	Affiliation	Email	Phone
Xiaodong Sun	Ohio State University	sun.244@osu.edu	614-247-7646
MURSHAD MUFTUOGULLU	GE Hitachi Nuclear Energy	kurshad.muftuogullu@ge.com	910-819-4559
Si Young Lee	Savannah River National Lab	Si.Lee@snrl.doe.gov	803-725-8462
Eric Cheng	Penn State University	echeng@psu.edu	814-882-4261
Aliya Kozlov	Oregon State Univ	aliya.kozlov@osu.edu	541-758-7375
Igor Bolotnov	North Carolina State Univ.	igor_bolotnov@ncsu.edu	518-542-8939
STEVEN ARNDT	NUCLEAR RES COMM	stevan.arndt@nrc.gov	301-415-1502
David Ameller	BNRC	David.Ameller.contractor@nrc.gov	412-476-6057

Sign In Sheet

Name	Affiliation	Email	Phone
Emerzari	ANL	emerzari@anl.gov	630 252 6637
Shi Ninokata	POLIMI	hisashi.ninokata@polimi.it	
Ilis Boglietto	MIT	emilob@mit.edu	6313272965
Wenwu D'Auria	U PISA - ITALY	dauria@inf.unipi.it	+39-320-435592
Saim Hassan	Texas A&M University	Y-hassan@tamu.edu	979 845 7090
Xi Cheng	UUT	Xu.Cheng@uut.edu	60497216085556
Jin Hu	ANL	jinhu@anl.gov	630-252-1461
Seungjin Kim	TENN STATE	skim@psu.edu	614-867-1783
Whee Choe	ENEC	whee.choe@enec.gov.ae	+971 26595704
Jong Kim	KAIST/EPRI	jkim@epri.com	650 855-2204

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Sign In Sheet

Name	Affiliation	Email	Phone
Wuyang Schubring	U. Florida	dischubring@ufl.edu	352-392-1401 x314
Wen Song	KAERI	chsong@kaeri.re.kr	82-42-8876
Wen XAT	MCMASTER UNIVERSITY	wxatj@mcmaster.ca	905-525-9140 ext 24690
Isashi NINOKATA	Politecnico di Milano / Tokyo Inst Tech	hisashi.ninokata@polimi.it	+81-3-3315-4441
Lia Merzari	ANL	emerzari@anl.gov	630-252-6637
nilio Baglietto	HIT	emiliob@mit.edu	
memor D'Avina	U. PISA	davina@inf.unipi.it	+39-370-435572

**PROPOSED AGENDA**

**American Nuclear Society – Thermal Hydraulics Division**

**Executive Committee Meeting**

**Hyatt Regency, Chicago, IL**

**4:30 – 6:00 PM, Sunday, June 24, 2012**

**Location: Atlanta**

- 1. Opening (Woods)**
- 2. Approval of Meeting Agenda (All)**
- 3. Action Items from 2011 Winter Meeting**
  - a. Current and prospective PC membership (Muftuoglu)**
  - b. Inclusion of Honors and Awards membership on website (Revankar)**
- 4. Treasurer's Report (Lee)**
  - a. 2012 Division Financial Status: Update**
  - b. Student support expenditures**
- 5. Program Committee Report.**
  - a. NUTHOS-9 Report (Ninokata/J. Kim)**
  - b. NURETH-15 Planning (D'Auria)**
  - c. 2012 ANS Annual Meeting Program in Chicago, IL (Muftuoglu)**
  - d. 2012 ANS Winter Meeting Program in San Diego, CA (Muftuoglu)**
  - e. 2012 ANS Embedded Topical ATH in San Diego, CA (Muftuoglu)**
  - f. 2013 ANS Annual Meeting Program in Atlanta, GA (Muftuoglu)**
- 6. Honors and Awards Committee Report (Revankar)**
  - a. Committee membership (Woods)**
  - b. Status of THD Honors and Awards**
  - c. New Endowment for Best Paper**
- 7. Young Professional Thermal Hydraulics Research Competition (Collins/Merzari)**
- 8. Division Website Report (Schubring)**
- 9. Nominating Committee Report (Ninokata)**

**10. Membership Committee Report (Ninokata)**

**11. Old Business (All)**

- a. **Reminder of THD special events at this meeting**
- b. **Solicitation for NURETH-16 Host Organization (Woods)**
- c. **THD Strategic, Tactical and Succession Plans (Woods)**
- d. **THD Presentation to ANS BOD (Woods)**
- e. **NUTHOS-10 Planning. (Woods)**

**12. New Business (All)**

- a. **Communication techniques for THD business**

**13. Others**