

ANS – THD Division
Executive Committee Meeting
Washington, DC
November 12, 2023

Attendees (EC Members):

Leadership

Chair: Annalisa Manera – proxy to Igor Bolotnov

Vice Chair: Igor Bolotnov (+ proxy from Annalisa Manera and Maria Avramova)

Secretary: Steve Bajorek

Treasurer: Ferry Roelofs

Ex Officio: Bao-Wen Yang

Appointments

Webmaster: Trevor Kent Howard

Members with Terms:

2024

Xiaodong Sun

Dillon Shaver

W. David Pointer

Hyoung Kyu Cho

Musa Moussaoui

2025

Yassin Hassan

Maria Avramova – proxy to Igor Bolotnov

Jun Liao

Bob Martin

Marilyn Delgado

2026

Fan-Bill Cheung

Chul-Hwa Song

Izabela Gutowska

Donna P. Guillen

Ling Zou

Absent: Annalisa Manera, W. David Pointer, Chul-Hwa Song, Izabela Gutowska, Hyoung Kyu Cho

Attendees (Other):

(Refer to sign-up sheets in Appendix B for EC meeting and Appendix C for the “town hall” meeting.)

1. Opening

Dr. Bolotnov called the meeting to order. Roll call and quorum met.

2. Approval of meeting agenda

A DRAFT agenda (amended during the meeting) was provided for approval (APPENDIX A)

MOTION: Dr. Shaver moved to approve the agenda

SECOND: Dr. Delgado

NO DISCUSSION

All in favor.

Agenda is APPROVED.

3. Approval of minutes from 2023 ANS Summer EC Meeting

The DRAFT minutes of the 2023 ANS Summer Meeting have been provided for review and approval.

MOTION: Dr. Delgado moved to approve the minutes.

SECOND: Dr. Shaver

NO DISCUSSION

All in favor.

Minutes are APPROVED.

4. ANS Student Conference

a. The 2024 Student Conference was discussed by Sean Bistany. The conference theme is “Nuclear is the Keystone” and the meeting is expected to cover a broad range of topics. Tours of TMI, Waltz Mill, a local brewery, and the Penn State creamery are being planned.

b. The 2024 Student Conference is scheduled for April 4-6, 2024 at Penn State.

5. Action items from 2022 ANS Winter meeting:

a. Industrial Liaison action item. Progress by the industrial liaison task force was discussed by Dr. Liao. The task force has completed a proposed revision to the bylaws. The proposal is for an Industrial Engagement Committee that ... « Shall be composed of seven (7) members, of which at least five (5) are industry representatives. No employment restrictions are placed on the remaining two (2) or less members. The Industry Engagement Committee shall be responsible for engaging nuclear industry and report to Executive Committee.”

MOTION: Steve Bajorek moved to approve the proposal.

SECOND: Bao-Wen Yang

Action: Send revised bylaws to the Bylaws and Rules Committee.

c. International Liaison. Progress on the international liaison was discussed by Dr. Ferry Roelofs. Completed is a list of thermal-hydraulic expert in the EU. The next proposed step is add a topical committee with SEDB. Current work is on a leaflet to distribute. Feedback is requested.

6. Action Items from the 2023 Program Committee

a. The 2023 Winter meeting has about 50 submissions, which is an all-time low. At the WAM the THD will have 15 technical sessions and 2 panel sessions. The downward trend is similar to the overall ANS Society trend. But THD represents roughly 20% of all submittals so the trend is concerning. The 2024 Summer meeting is expected to also be low in THD submittals.

b. There was discussion on the new ANS division sign-up process which no longer has ANS members designate a primary division. ANS members can now select several divisions. This lead to additional discussion on how to increase THD membership. Bob Martin suggested expanding the number of engagement groups by including academia and the National Labs.

7. Chair Report

a. Updates from HQ (Igor Bolotnov for Annalisa Manera):

1. Continued process to moving to new space. Move is expected around Feb 1, 2024.
2. Signed lease for small space in Washington DC (1 office and large conference room). Division leaders can use it for conference room space.
3. Work is about 85-95% done in shift to new association platform. Working on integration between new platform and current metrics platform should be done by the next winter meeting.
4. ANS is in middle of budget season for 2024 budget with significant expenses to move forward on certification and a one-time expense related to the HQ move

b. Certification Program (Steven Arndt):

Steve Arndt described the new Certification Program and its content. The Certification Program is intended to be non-technical in nature and provide a learning opportunity to those lacking experience in the nuclear field. Some top topics selected include licensing and US certifications, NPP Economics, and Power plant design.

c. Webinars (Marilyn Delgado):

Marilyn Delgado discussed the THD Webinar program and requested future topics for these webinars. The suggestion was made that we target younger members of ANS and THD, and "History of the THD" was

suggested as a possible topic. Igor Bolotnov recommended that we take advantage of university seminars, many of which are video recorded.

8. Treasurer' Report (Dr. Roelofs):

Dr. Roelofs gave the THD financial report, noting that the division saw a significant increase in income primarily due to higher revenue from NURETH-20. Expenses were normal and were generally for plaques. In some good news on the scholarship funds, Dr. Roelofs reported that the Raj Segal family approved that book royalties go to fund that award. Dr. Roelofs will get the link from the publisher to make the transactions efficient.

Dr. Yang proposed the division provide \$3000 for a THD career fair table at the next student conference.

MOTION: Dr. Yang moved to approve the motion.

SECOND: Dr. Shaver.

Motion approved.

9. Program Committee Report (Dr. Shaver).

a. NURETH-21 update (Dr. Cho). NURETH-21 is scheduled to take place August 31 through September 5, 2025 in Busan, Korea. Busan is the second largest city in Korea. The estimated attendance is 600 participants. Important dates are October 25, 2024 for abstract submittal and January 31, 2025 for full (draft) paper submittal.

b. NUTHOS-14: NUTHOS-14 will be held in Vancouver, Canada from August 25-28, 2024. This is the first time in North America. Abstract submittal is open and draft papers due January 31, 2024.

10. Membership report: Not discussed due to time constraints. Please see page 6 of the Fall 2023 newsletter available at <https://thd.ans.org/newsletters/>.

11. Division Website Report: Not discussed due to time constraints. Please see page 6 of the Fall 2023 newsletter available at <https://thd.ans.org/newsletters/>.

12. Honors/Awards Committee Report: Not discussed due to time constraints. Please see page 4 of the Fall 2023 newsletter available at <https://thd.ans.org/newsletters/>.

13. Scholarship Committee Report: Not discussed due to time constraints. Please see page 5 of the Fall 2023 newsletter available at <https://thd.ans.org/newsletters/>.

14. Conference Screening Committee Report: Not discussed due to time constraints. Please see page 3 of the Fall 2023 newsletter available at <https://thd.ans.org/newsletters/>.

15. Nominating Committee Report (Dr. Yang): Please see page 5 of the Fall 2023 newsletter available at <https://thd.ans.org/newsletters/>. Dr. Yang noted that we need five new members and requested names.

16. Old Business

None

MOTION to Adjourn: Dr. Yang SECOND: Dr. Bajorek

All in favor: MOTION CARRIES.

APPENDIX A: Proposed agenda

American Nuclear Society – Thermal Hydraulics Division

Executive Committee Meeting: 3:30 PM - 5:30 PM US Eastern Time, Sunday November 12, 2023

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| 1. Opening | Bolotnov/Manera |
| 2. Approval of Meetings Agenda | All |
| 3. Approval of Minutes from 2023 ANS Annual Meeting | All |
| 4. ANS Student Conference organizer(s) | Balog |
| 5. Action Items from 2023 ANS Annual Meeting | |
| a) Formation of industry liaison – Vote on Bylaws change | Bolotnov/Manera/Liao |
| b) Update on International Liaisons | Roelofs |
| 6. Action Items from 2023 Program Committee Winter Meeting | |
| a) Report on papers submission to ANS Winter Meeting and membership | Shaver |
| b) Discussion on how to improve participations / increase membership | All |
| 7. Chair Report | |
| a) Update from HQ | Bolotnov/Manera |
| b) Webinars | Delgado |
| 8. Treasurer’s report | Bajorek |
| 9. Program Committee Report | |
| a) Update THD Sessions ANS 2023 Winter Meeting | Shaver |
| b) Update THD Program 2023 Annual Meeting | Shaver |
| c) NURETH-20 Closeout | Bajorek |
| d) NUTHOS-14 Update | Novog/Morreale |
| e) ATH’24 Update | Shaver |
| f) NURETH-21 Update | Lee |
| 10. Membership Committee Report | Zimmer |
| 11. Division Website Report | Howard |
| 12. Honors and Awards Committee Report | Sun |
| 13. Scholarship Committee Report | Pointer |
| a) Scholarship committee bylaws change vote | Bolotnov/Pointer |
| 14. Conference Screening Committee Report | Cheung |
| 15. Nominating Committee Report | Yang |
| 16. Old Business | All |

APPENDIX B: Attendees list (EC Meeting)

TAD EC
ANS Winter 23
 Conference and Expo

November 12-15
 Washington Hilton
 Washington, D.C.



<u>Name</u>	<u>Affil.</u>	<u>Phone</u>	<u>email</u>	<u>EC Mem?</u>
Steve Bajorek	NRC	240-731-6057	stephenbajorek@gmail.com	Y
Tsi Nguyen	Penn State	443-815-9999	nguyen.tsi@psu.edu	N
Saya Lee	Penn State	979-492-8909	sayalee@psu.edu	N
Robert Martin	NRC/ACRS	437-907-7366	robert.martin@nrc.gov	Y
Justin Weinmeister	ORNL	865-574-8306	weinmeister@ornl.gov	N
1/TORVIO BADALASSI	ORNL	865-308-8535	BADALASSI@ORNL.GOV	N
Rui Hu	ANL	630-252-1461	rhu@anl.gov	N
Ling Zou	ANL	630-252-1399	lzou@anl.gov	Y
Prashant Jain	ORNL	865-574-6272	jainpk@ornl.gov	N
ELIA MERZARI	PSU/ANL	773-256-7044	ebm5351@psu.edu	N
Buc Cheng	PSU	814-863-4261	fxc4@psu.edu	Y
Yassin Hassan	Texas A&M	979-218-4417	y-hassan@tamu.edu	Y
BAOQUEN YANG	DE&D Delta Energy Group	201-6585-218	baoyq1@deltaenergygroup.com	Y
Igor Bolotinov	NCSU	518-542-8979	igor-bolotinov@ncsu.edu	Y

THD EC NTS

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<u>Name</u>	<u>Affl.</u>	<u>Phone</u>	<u>email</u>	<u>EC mem?</u>
Wei Ji	RPI	518-276-6602	jiw2@rpi.edu	N
Dillon Shaver	ANL		dshaver@anl.gov	Y
Drew Ryan	UML (Bettis)	(847) 340 1540	DrDrewM.Ryan@gmail.com	N
Trevor Kent Howard	Or. St.		Trevor.Howard@oregonstate.edu	N
Jun Liao	WEC	412-916-0340	LZAOJ@westinghouse.com	Y
Ran Kong	Mi.wane	814-441-8253	ran.kong62@gmail.com	N
Kabela Gutawoska	OSU		gutawoski@oregonstate.edu	Y
Marilyn Delgado	BWXT		midelgado@bwxt.com	
Lane Carasik	VCU		LBCARASIK@vcu.edu	N
Sean Bistany	PSU	302-480-0856	sb65925@psu.edu	N
JEONG IK LEE	KAIST		jeongiklee@kaist.ac.kr	
Ferry Roelofs	NRG	+31 6 1398468	roelofs@nrg.eu	Y
Donna Guillen	INL	208-526-1744	Donna.Guillena@inl.gov	Y
SUBASH SHARMA	UML	765-491-6781	Subash_Sharma@uml.edu	

APPENDIX C: Attendees list ("Town Hall" Meeting)

ANS Winter 23
Conference and Expo

November 12-15
Washington Hilton
Washington, D.C.



Town Hall meeting

<u>Name</u>	<u>Affl.</u>	<u>Phone</u>	<u>e-mail</u>	<u>EC Mem?</u>
Steve Bajorek	NRC	240-731-6087	stephen.bajorek@nrc.gov	Y
Wei Ji	RPI	518-276-6602	jiwz@rpi.edu	N
Dillon Shewer	ANL		dshewer@anl.gov	Y
Drew Ryan	NWL (actis)	(847) 340-1540	Drew.M.Ryan@gmail.com	N
David Kang	Purdue	(224) 715-1616	Kang234@purdue.edu	N
Adam Dix	Purdue	630-605-9521	adix@purdue.edu	N
Ran Kong	Miwaukee	814-441-8253	ran.kong62@gmail.com	N
NADISH SAIMI	ANL	919-523-5580	msaimi@anl.gov	
Marilyn Delgado	BWXT	434 385 2515	midelgado@bwxt.com	
Jun Liao	WEC	412-916-0340	LIAOJ@westinghouse.com	Y
SuJong Yoon	INL	208-526-2425	sujung.yoon@inl.gov	N
S. Jun Kim	LANL	505-441-9657	skim@lanl.gov	N
Fery Roelofs	NRG	+31 6 139 88468	roelofs@nrg.eu	
Donna Guillen	INL	208-526-1744	Donna.Guillen@inl.gov	
SUBASH SHARMA	UMASS Lowell	7654916781	subash_sharma@uml.edu	
Igor Bolotnov	NCSU	518-542-8939	igor_bolotnov@ncsu.edu	
Rui Hu	ANL	630-252-1461	rhu@anl.gov	

