

Request for Proposal

The American Nuclear Society (ANS) Thermal Hydraulic Division (THD) sponsors the International Topical Meeting on Nuclear Reactor Thermal Hydraulics (NURETH) with support from domestic local sections and international institutions. This announcement is to solicit proposals for NURETH-22. The NURETH meetings have a history of over four decades:

1. 1980 Saratoga Springs, New York, USA
2. 1983 Santa Barbara, California, USA
3. 1985 Newport, Rhode Island, USA
4. 1989 Karlsruhe, Germany
5. 1992 Salt Lake City, Utah, USA
6. 1993 Grenoble, France
7. 1995 Saratoga Springs, New York, USA
8. 1997 Kyoto, Japan
9. 1999 San Francisco, California, USA
10. 2003 Seoul, Korea
11. 2005 Avignon, France
12. 2007 Pittsburgh, Pennsylvania, USA
13. 2009 Kanazawa, Japan
14. 2011 Toronto, Canada
15. 2013 Pisa, Italy
16. 2015 Chicago, Illinois, USA
17. 2017 Xi'an, China
18. 2019 Portland, Oregon, USA
19. 2022 Brussels, Belgium
20. 2023 Washington, DC, USA
21. 2025 Busan, Korea

The next conference in this series, NURETH-21, to be held in Busan, Korea is scheduled to take place in August 31-September 5, 2025. Since 2003, the meeting has been held every other year except for NURETH-19 which was postponed owing to the Pandemic. Proposals submitted in response to this solicitation will be considered for NURETH-22 to be held in 2027. Currently, the intention is to hold the NURETH-22 conference in the United States. The proposals will be evaluated using the attached criteria. Interested parties should send their proposal electronically by November 15, 2024 to the Chair of THD Conference Screening Committee (CSC), Prof. Fan-Bill Cheung (fxc4@psu.edu). The CSC will evaluate and rank the proposals and make their recommendation to the THD Executive Committee for final approval. Selection of NURETH-22 (2027) is expected to be completed by January 31, 2025, giving the organizers hosting NURETH-22 adequate time for conference planning and preparation. The organizers of NURETH-22 are encouraged to attend THD Executive and Program Committee meetings and participate in technical meetings, to acquire knowledge and experience useful in hosting the conference successfully. Inquiries should be addressed to Prof. Fan-Bill Cheung (fxc4@psu.edu), the CSC Chair or to Prof. Igor Bolotnov (igor_bolotnov@ncsu.edu), the ANS/THD Chair.

NURETH Criteria for Proposal Evaluation

1. Technical Program Chairman

Does the proposed Technical Program Chair (TPC) have extensive experience in organizing thermal-hydraulics technical sessions and session tracks? Does the proposed TPC have prior topical meeting experience as a Technical Program Chair?

Score:

2. Capability in Organizing Topical Meetings

Are there influential and knowledgeable organizing members (e.g., local section members, if a domestic conference) involved in the proposed work related to this NURETH meeting?

Score:

3. Experience in Organizing and Conducting Topical Meetings

Has the local section/organizing institution demonstrated experience and ability in successfully conducting topical meetings, both technically and financially? Have the organizing members participated in prior NURETH meetings so that they are familiar with the conference objectives, format, and procedures?

Score:

4. Technical Program and Quality of Papers

Is the technical program well formulated with innovative sessions, novel ideas, and interesting theme? How would the paper review be handled – do the organizers have enough reviewers lined up to ensure quality of papers?

Score:

5. Allocation of Excess Revenue

If a domestic organization is selected, the organization must work with ANS Staff and the Thermal Hydraulics Division (THD) on budget, including net revenue distribution. The revenue share for ANS Topical Meetings is 75% to ANS National and 25% to ANS Division. Local Sections do not share in the net revenue. However, Divisions can agree to share a part of its 25% net revenue with the Local Section. The Local Section can submit quotes for any contracted for services required for the meeting that ANS Staff would have to contracted outside or cannot perform without contracting locally. ANS rules prohibit foreign organizations from remitting any profits to the ANS THD. However, foreign organizations may donate funding to a

worthwhile ANS effort, such as the ANSTHD Technical Achievement Award endowment fund, student scholarship fund, etc.

Score:

6. General Chairman

Is the proposed General Chairman knowledgeable and highly visible in the international thermal hydraulics community to serve as the General Chair of NURETH?

Score:

7. Hotel Cost and Facilities

If a domestic organization is selected, ANS Staff will send out Request for Proposals to hotels in the desired location to obtain rates, F&B costs, meeting space, etc. On the other hand, if a foreign organization is selected, the rate of the hotel and the available facility will be evaluated.

Score:

8. Location and Timing

Is the location convenient for airline service, hotel access from airport; local transportation, and attractions for non-meeting participants, i.e., spouses and families? Are the conference dates proposed adequate to avoid the 30-day window before and after ANS Annual/Winter Meetings and not in conflict with major religious holidays?

Score:

9. Technical Program Committee (TPC) and Steering Committee (SC)

Do the proposed TPC and SC appear to be adequate and do the scientific communities be sufficiently represented by high-level scientists and researchers? Experience has shown that participation is increased if key positions are identified for representatives from a wide spectrum of organizations and countries.

Score:

10. Publication of Proceedings

Is the scheduling/anticipated publication cost acceptable? Is the cost of publication in the conference proceedings included in the registration fee?

Score:

11. Technical Tours

Are there attractive technical tours? What are the proposed tours and the costs?

Score:

12. Young Investigator and Student Participation

Are there interesting programs including competition activities that can attract young investigators and students to attend/participate with reduced registration fees and possible scholarships at this NURETH conference?

Score:

13. Reaction to External Events

How ready is the organizing committee in timely reaction to external events such as COVID or similar pandemics, terroristic acts, war, etc. Hypothetically, what decisions would be made (after consultation with ANS) regarding the format of NURETH-21, postponement of the dates of the conference, exclusion of certain participants from affected regions, etc.

Score:

Overall Score:

Overall Ranking: