

Application for a new ANS Award established by the ANS Thermal-hydraulics Division (THD)

NAME OF AWARD: THD NURETH FELLOW AWARD

SPONSORED AND FUNDED BY: ANS THERMAL HYDRAULICS DIVISION (THD)

Description

This award recognizes an individual who made “outstanding contribution to numerous International Topical Meetings on Nuclear Reactor Thermal-Hydraulics (NURETH) since 1980.” These may include: (1) conference organization and/or (2) sustained authorship, including sustained exceptional contributions to the thermal-hydraulics field published within the conference. It is awarded every 2 years and presented at the closest NURETH conference. The award consists of a plaque. More than one recipient, but no more than three, may be named for each future NURETH conference

Background

The International Topical Meetings on Nuclear Reactor Thermal Hydraulics (NURETH) is the most important conference worldwide in the field of thermal hydraulics since 1980. It retains a loyal following across many continents. Following the example of the competitor ICONE (International Conference on Nuclear Engineering) conference (e.g., ICONE award), THD seeks to establish an award that recognizes sustained and exceptional contributions to the NURETH conference. The goal is to recognize both service and sustained technical contributions and build a culture of excellence around the conference.

Selection Method

This award recognizes an individual for exceptional and sustained contributions to the NURETH conference series and the thermal-hydraulics field in general.

Nominees (non-ANS members are also eligible) must meet the following two MINIMUM requirements:

- (1) Participation in at least six previous NURETH conferences as an author/coauthor or a TPC member.
- (2) Publication of at least 20 papers at previous NURETH conferences, including at least one in a special edition of an archival journal for the NURETH conference. OR, at least five NURETH papers and service as TPC Chair/Co-chair or General Chair/Co-chair for one NURETH Conference.

All of the above criteria must be met for a candidate to be considered. In the event of nominations for more than two candidates meeting the criteria, their scholarly reputation and standing of the candidates in the community will be taken into account.

Nominations are made with the ANS nomination form accompanied by:

- (1) a narrative summary of about 1,000 words that outlines the nominee’s relevant accomplishments and a description of the significance of these accomplishments,

- (2) a list of ANS---supporting activities, including attendance and a list of papers presented at NURETH, and any service in organizing NURETH conferences, if applicable. Additional information can include but not limited to: presentations at ANS national and topical meetings, service on THD committees, and dates of THD membership, and
- (3) an up-to-date detailed resume or CV. Evidence must be provided that the above minimum requirements are met.

Additional letters of support are NOT allowed to simplify the nomination process. The award recipient is selected by the Honors and Awards Subcommittee of the THD. It is awarded every two years if an eligible candidate is nominated and selected. Multiple recipients are allowed.

The deadline for receipt of nominations is March 1 (the year NURETH is held – ODD YEARS)

This award comes with a plaque. The ANS THD Award fund, which is already fully endowed, will pay for the plaque(s).

No funding for travel reimbursement or meeting attendance is anticipated or included in the proposal. The ANS THD Executive Committee would have to handle that by special exception.

Special Notes

Since the award has been established since 2013 (at NURETH-15) by THD, we ask for the ANS H&AC to recognize the current list of awardees. These are listed here:

<https://thd.ans.org/awards/nureth-fellows/>

Despite the award title, there is no desire to replace or complement ANS's fellow status. If the committee finds the name to be an issue (it was kindly suggested by Dr. H. Hashemian), THD is amenable to other titles. A possibility could be the NURETH Fellow Award or NURETH Award.

DIVISION POINTS OF CONTACT:

Xiaodong Sun, xdsun@umich.edu (will be replaced by Prof. Fan-Bill Cheung, fxc4@psu.edu, after the 2024 ANS Annual Meeting)