AMERICAN NUCLEAR SOCIETY

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Mathematics and Computations Division's Young Member's Research Achievement Award

The Mathematics & Computations Division (MCD) of the American Nuclear Society established the **Young Member's Research Achievement Award** in 2003 to fulfill the following objectives: (1) to identify and reward meritorious contributions in the areas of mathematics and computations by MCD members who are in the earlier stages of their careers, and (2) to stimulate further achievements by younger individuals that will enhance the applications of mathematics and computations in the area of nuclear technology.

The nominee, to be eligible, must be a member of ANS's MCD in good standing and be less than 40 years of age at the time of nomination.

The award is granted biannually to an individual who has made significant technical contributions in one or more areas of interest to MCD. The attainment can be in the form of a new principle, method of analysis, software product emanating from research and development, or from effective application of mathematics and computations knowledge to yield a commercial service or product needed in the nuclear technology enterprise. Management contributions are not considered in the review and selection process.

Three sponsors are required, one of which must be an ANS Fellow. One sponsor shall be designated as the principal sponsor. The principal sponsor has the responsibility of (a) securing the required letters of recommendations from the other two co-sponsors, (b) assembling the nomination package and (c) submitting it to along with his or her own recommendation of the nominee by the deadline indicated in the Call-for-Nominations announcement. Sponsors of a given candidate should be dispersed geographically, and only one may be from the home institute of the candidate. If the committee does not select a nominee for whom an application was submitted, the nominator may submit a new nomination package for that individual the next or subsequent award cycles.

Emphasis is placed on achievement demonstrating a high degree of technical merit and ingenuity. Therefore, a statement that provides specific identification of the nominee's contributions to the area of professional activity involved should accompany the enclosed nomination form. The selection of the Young Member's Research Achievement Award is determined by critical review and assessment of submitted credentials and qualifications; hence, due care should be exercised in preparation of the nomination package.

The nominee must be living at the time of submittal but in certain exceptional cases a posthumous award could be made. Curriculum vitae along with a bibliography of major publications including documentation of participation in symposia and conferences may be attached.

Consideration for the Young Member's Research Achievement Award requires a willingness and formal acceptance on the part of the candidate to attend the MCD topical meeting the award will be presented at, unless unusual circumstances prevent attendance. Members of the MCD Executive Committee and Honors and Awards Committee are excluded as nominators of, as well as candidates for, the award during their respective terms of office.

The award, which consists of a citation, monetary award, and complementary meeting registration (if not paid by the awardee's employer), will be presented at the biannual MCD topical meeting.

Send one electronic [pdf] version of the nomination form and supporting documents to Dr. Piero Ravetto (piero.ravetto@polito.it)

The deadline date for the receipt of nominations is **January 15, 2019**.