

2027 IAPWS Helmholtz Award

Procedures and Implementation

(Adopted Toronto, September 1999. Revised Witney, September 2006. Revised Lucerne, August 2007, Bristol 2026)

The IAPWS Helmholtz Award will be given yearly to a qualified researcher who is at most 15 years from the receipt of highest earned degree at the time of the nomination. There is no need for the nominee to be in any way associated with IAPWS. Nominations can be submitted by any individual, except that self-nominations and nominations from the Award Selection Committee (see below) cannot be accepted. Nominations for both industrially and academically oriented candidates are encouraged.

The award will consist of a framed certificate, to be presented to the nominee at the time of the annual meeting. The Awardee will receive funding for attending the 2027 annual IAPWS meetings, and will be invited to make a presentation at the IAPWS Symposium or ICPWS during the week, and is expected to attend the meetings of a working group of choice.

The purpose of the award is to recognize promising early-to-mid career scientists and engineers who are making significant contributions to, or defining new directions in, the areas of research of interest to IAPWS; and to encourage them to become active in IAPWS.

The EC appoints a committee of five representatives, one each from five different National Committees, to serve on the IAPWS Helmholtz Award Selection Committee (IHASC). The National Committees are chosen in alphabetical order. Each of them selects a representative to serve on the IHASC. Committee members rotate on a yearly basis. The top committee is rotated off the list each year after their representatives have served at least once, while a new National Committee is added.

The representative of the National Committee at the top of the alphabetically ordered list serves as the chairperson of the IHASC in that particular year. Committee Members cannot make nominations.

The procedures to be followed by the IAPWS Helmholtz Award Selection Committee (IHASC) are the following:

1. The Executive Secretary, on behalf of the IHASC, sends out a call for nominations to the Heads of National Committees of IAPWS and to Working Group Chairs a few weeks after the Minutes of the Annual IAPWS EC and Working Group Meetings are posted on the IAPWS website.

2. The letter of nomination should contain: a) a Curriculum Vitae, which includes university degrees, work experience, b) a list of publications, c) material supporting the nomination (a letter by the nominator, distinctions received by the candidate, etc.), and d) a short (30-word) statement summarizing the contributions for which the nominee is proposed to be honored (this will become the citation on the award).
3. The letter of nomination must be sent to the Executive Secretary of IAPWS. Nomination from outside of members should be sent through the Chairman of the National Committee of the nominated person, if possible. The nominations should be received by the Executive Secretary no later than February 28 of the year in which the award is given.
4. The Executive Secretary sends copies of all nominations received to the IHASC members.
5. Each member votes for zero, one, or two candidates. In the last case, the two candidates must be rank ordered. The vote is sent to the Chairperson of the Committee.
6. If the vote is ambiguous, then a back-up second candidate may be chosen from a prioritized list or rounds of further negotiations may be necessary, at the discretion of the Chairperson. Once a decision has been made by the committee, the Chairperson contacts the Executive Secretary, who will provide the name to the Heads of National Committees for review. The National Committees will be allowed one month to respond with any comments to the Executive Secretary and the Chair of the IHASC; the IHASC may consider these comments in its final decision as to whether to proceed with a nomination. Once this process is completed, the Chairperson will contact the prospective Awardee and make sure that he/she can attend the forthcoming meeting. If the prospective Awardee cannot attend, the process can be repeated with alternative nominees, as time allows.
7. The Chairperson of IHASC submits the name of the candidate selected to the IAPWS Executive Secretary no later than the first day of April. IHASC has the right to not make a selection if it considers the nominees not sufficiently qualified.
8. The Executive Secretary officially notifies the Awardee and prepares a certificate to be presented to the Awardee during the EC and Working Group Meetings of that year.

Call for Nominations – Year 2027

The IAPWS Helmholtz Award Selection Committee, year 2027:

Jensen (Nordic, Chair), Anderko (U.S.), McAllister (Australia), Tilley (BIAPWS) and Cook (Canada)

All items required for nomination should be sent to the Executive Secretary by **28 February 2027**:

Dr. Daniel G. Friend
E-mail:

IAPWS Executive Secretary
dg.friend@iapws.org