

Rules and instructions Ehrenfest-Afanassjewa thesis award

Aim of the prize

The Ehrenfest-Afanassjewa Thesis Award is awarded annually to the author of an outstanding Ph.D. thesis in physics, defended at a Dutch University in the previous year. Both experimental and theoretical theses are eligible. The winner receives a sum of € 5,000 that can be spent as wished, together with a prize certificate, and is invited to present their work at a national meeting.

Who is eligible for the prize

Candidates should have obtained their doctorate from a Dutch university in an area of physics research. For the 2022 prize the Ph.D. degree must have been awarded in the period 1 September 2021 - 31 August 2022. The deadline for nominations for the 2022 prize is **1 October 2022**.

Who can nominate

Candidates for the prize should be nominated by their Ph.D. advisor (promotor or co-promotor). Self-nominations are not accepted.

Which documentation is required

The nomination should contain a CV of the candidate and a supporting letter by the advisor. The letter should *explicitly address the four assessment criteria* listed below.

Hard-copies of the thesis are not needed, it suffices to provide a link to a digital copy (which must be in the public domain).

The nomination should be sent by email to the secretary of the jury, Dr Arlette Werner a.werner@dutchphysicscouncil.nl. The documentation will be treated confidentially and the list of candidates is not disclosed.

Assessment criteria

After an initial check to ensure that the research of each candidate does indeed belong to the field of physics, the thesis will be assessed against the following four criteria:

- the new insights obtained by the research
- the originality of the research method
- the scientific breadth of knowledge displayed by the candidate, in combination with their in-depth scientific understanding
- the clarity of presentation of the results

Selection procedure

The selection of the prize winner is in the hands of a high-level jury of 5–6 members, appointed by the executive board of the Dutch Physics Council. A board member may be part of the jury. A jury member will be recused if one of the candidates is their own Ph.D. student. Membership of the jury is for a three-year period and can be renewed once. The executive board of the Dutch Physics Council decides on the award of the prize based on the advice of the jury. The selection procedure is confidential and not open to correspondence.