

Approved at the meeting of the Academic Council
Doctoral School of Physical sciences

Agreed
Academic Director of the Doctoral School of
Physical sciences____Vadim Hrapay

**The program of the portfolio composition
of the main educational program of higher education – programs for the training of scientific and
scientific-pedagogical personnel at the Doctoral programme
Physics and astronomy**

Scientific specialties:

- 1.3.1. Space Physics, Astronomy
- 1.3.3. Theoretical Physics
- 1.3.6. Optics
- 1.3.8. Condensed-matter Physics
- 1.3.10. Low Temperature Physics

1. The portfolio consideration

The main purpose of reviewing the portfolio of the main educational program of higher education – programs for the training of scientific and scientific-pedagogical personnel at the Doctoral School of Physical sciences programme "Physics and astronomy" in scientific specialties 1.3.1. Space Physics, Astronomy, 1.3.3. Theoretical Physics, 1.3.6. Optics, 1.3.8. Condensed-matter Physics, 1.3.10. Low Temperature Physics is to identify the applicant's readiness to prepare and defend dissertation research.

The consideration for the portfolio of the main educational program of higher education – programs for the training of scientific and scientific-pedagogical personnel at the Doctoral School of Physical sciences programme "Physics and astronomy" in scientific specialties 1.3.1. Space Physics, Astronomy, 1.3.3. Theoretical Physics, 1.3.6. Optics, 1.3.8. Condensed-matter Physics, 1.3.10. Low Temperature Physics consists of reviewing documents confirming the results of the applicant's scientific, academic and/or professional activities.

2. Portfolio structure

To participate in the individual achievement competition (portfolio) The applicant can provide the following documents in Russian or English:

1. **CV**, which includes a list of publications, information about participation in conferences, schools, research projects, research grants, work experience, etc.
2. **A letter of recommendation from the potential supervisor** of the planned dissertation research, which reflects his consent to act as the supervisor of the applicant at the Doctoral school.
3. Own **scientific publications** on the subject of the proposed field of study.
4. **Experience of participation** in Russian and international conferences, indicating information about the conference and the topic of the report, if any (a list of conferences in the form of a PDF file with links to conference websites).

3. Components included in the portfolio documents

The selection procedures for applicants to the quota places are held in the portfolio consideration format

The portfolio is not evaluated according to criteria and scores.

Presentations at international or domestic conferences
oral report
poster presentation
A letter of recommendation from a potential supervisor agreeing to lead the Graduate School of Physics at the National Research University Higher School of Economics
Publications in physics journals indexed by the Scopus database
journal of the 1st quartile by Scopus
journal of the 2nd quartile by Scopus
journal of the 3rd quartile by Scopus

The review of the supervisor's recommendation letter is based on an assessment of his/her scientific contribution over the past five years, the experience of scientific leadership, and the relevance of his/her research topics to the directions of study at the Graduate School of Physics at the National Research University Higher School of Economics. Publications are reviewed based on their relevance to the research directions at the Graduate School of Physics at the National Research University Higher School of Economics and the assessment of the applicant's personal contribution to the work. Belonging to a particular quartile is based on the Scopus database data available in open sources (for example, www.scimagojr.com).