

Guidelines of the Doctoral School “Physics” for external reviewers

A dissertation is to be assessed with a written review of one to three pages. At the end, a grade is awarded, which is subject to the following scheme:

1 – very good

2 – good

3 – satisfactory

4 – sufficient

5 – Insufficient

Review the thesis according to the following criteria:

Presentation of the thesis

For the formal aspects of the work, evaluate the following aspects:

- How is the work structured?
- Is the length of the work appropriate?
- How do you assess the linguistic quality of the work?
- Is the literature sufficiently cited?
- Are the results presented in a comprehensible way?
- Are there any indications that the rules of good scientific practice have not been obeyed?

Scientific content

When evaluating the scientific quality of the work, consider the following aspects:

- Are the results plausible? Are they scientifically correct?
- Is the choice of methods reasonable?
- How novel and innovative are the results?
- Is the doctoral candidate's contribution clearly displayed?
- What impact will the work have on the field of research?

In the case of a cumulative dissertation

Please make sure that the following aspects are obeyed:

- The thesis must contain at least three original publications.
- If the order of authorship reflects the contribution of the persons involved, at least two first-time author publications are required. Otherwise, the doctoral candidate's contribution of at least two of the original publications must be at least 40% each.
- Only publications in recognized peer-reviewed journals will be admitted. In particular, contributions to proceedings are not permitted.
- All three original publications may still be in print (status "in press").

Graz, July 1st 2024