1. Module title: Training Seminar

2. Field / responsibility of: Physics / the department, the Dean of Studies

3. Module contents: Training seminars cover a wide range of topics. The topic and contents of these seminars vary from year to year; however, they are intended to differ from the general curriculum in order to provide a comprehensive overview of physical and interdisciplinary topics. Prerequisites and workload vary by topic. Prerequisites and workload vary by topic.

4. Qualification objectives of the module / competencies to be acquired: Students acquire the ability to familiarize themselves with a new topic within a short period of time and to give an effective paper containing graphical elements about what they learned.

5. Prerequisites for participation:
   a) Recommended knowledge: Varies by topic
   b) Prerequisite courses: None

6. Module can be used for: M.Sc. in Physics, Nanoscience, Computational Science

7. Module is offered: On a yearly basis

8. Module can be completed in: 1 semester

9. Recommended semester of study: 1

10. Overall module workload / number of credit points:
    Workload: total number of hours: 120
    Allocation:
    1. Attendance: 4 credit hours
    2. Independent study (including exam preparation/exam): 90 hours
    Credit points: 4

   The successful completion of all assignments listed in items 11 and 12 is a prerequisite for receiving the credit points mentioned in item 10.

11. Module components:

<table>
<thead>
<tr>
<th>Nr.</th>
<th>Req./req. elective</th>
<th>Form of teaching</th>
<th>Subject area/topic</th>
<th>Credit hours</th>
<th>Coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY-M-VS 20.1</td>
<td>Compulsory</td>
<td>Seminar</td>
<td>Training seminar</td>
<td>4</td>
<td>Training seminar, paper; seminar presentation</td>
</tr>
</tbody>
</table>

12. Module exam:

<table>
<thead>
<tr>
<th>Nr.</th>
<th>Competence / topic</th>
<th>Type of exam</th>
<th>Duration</th>
<th>Time / notes</th>
<th>Weighting for module grade</th>
</tr>
</thead>
</table>

13. Notes:

Regular attendance, also of other seminar presentations given in this course, is a prerequisite for passing the module. In addition to the presentation, a paper based on the presentation (12 pages maximum) may be submitted. In that case, 6 credit points would be awarded for this course (instead of 4 credit points).