

| Module title                                                                                                                                                                            |                   |              |                                      |                                  | Abbreviation     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|--------------------------------------|----------------------------------|------------------|--|
| Advanced Seminar Quantum Technology A                                                                                                                                                   |                   |              |                                      |                                  | 11-OSN-A-212-m01 |  |
| Module coordinator                                                                                                                                                                      |                   |              |                                      | Module offered by                |                  |  |
| Managing Director of the Institute of Ap                                                                                                                                                |                   |              | oplied Physics                       | Faculty of Physics and Astronomy |                  |  |
| ECTS                                                                                                                                                                                    | Method of grading |              | Only after succ. compl. of module(s) |                                  |                  |  |
| 5                                                                                                                                                                                       | nume              | rical grade  |                                      |                                  |                  |  |
| Duration                                                                                                                                                                                |                   | Module level | Other prerequisites                  |                                  |                  |  |
| 1 semester                                                                                                                                                                              |                   | graduate     |                                      |                                  |                  |  |
| Contents                                                                                                                                                                                |                   |              |                                      |                                  |                  |  |
| Seminar on current issues in theoretical or experimental physics.                                                                                                                       |                   |              |                                      |                                  |                  |  |
| Intended learning outcomes                                                                                                                                                              |                   |              |                                      |                                  |                  |  |
| In-depth knowledge about a current topic in experimental or theoretical physics. Ability to read scientific publica-<br>tions, summarizing them and presenting them to a peer audience. |                   |              |                                      |                                  |                  |  |
| <b>Courses</b> (type, number of weekly contact hours, language — if other than German)                                                                                                  |                   |              |                                      |                                  |                  |  |
| S (2)<br>Module taught in: German or English                                                                                                                                            |                   |              |                                      |                                  |                  |  |
| <b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)          |                   |              |                                      |                                  |                  |  |
| talk with discussion (30 to 45 minutes)<br>Language of assessment: German and/or English                                                                                                |                   |              |                                      |                                  |                  |  |
| Allocation of places                                                                                                                                                                    |                   |              |                                      |                                  |                  |  |
|                                                                                                                                                                                         |                   |              |                                      |                                  |                  |  |
| Additional information                                                                                                                                                                  |                   |              |                                      |                                  |                  |  |
|                                                                                                                                                                                         |                   |              |                                      |                                  |                  |  |
| Workload                                                                                                                                                                                |                   |              |                                      |                                  |                  |  |
| 150 h                                                                                                                                                                                   |                   |              |                                      |                                  |                  |  |
| Teaching cycle                                                                                                                                                                          |                   |              |                                      |                                  |                  |  |
|                                                                                                                                                                                         |                   |              |                                      |                                  |                  |  |
| Referred to in LPO I (examination regulations for teaching-degree programmes)                                                                                                           |                   |              |                                      |                                  |                  |  |
|                                                                                                                                                                                         |                   |              |                                      |                                  |                  |  |
| Module appears in                                                                                                                                                                       |                   |              |                                      |                                  |                  |  |
| Master's degree (1 major) Quantum Technology (2021)<br>exchange program Physics (2023)                                                                                                  |                   |              |                                      |                                  |                  |  |
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