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| <b>Module title</b>  |                          | <b>Abbreviation</b>                         |
| FOKUS Research Module Topology in Solid State Physics  |                          | 11-FM-TFP-132-m01                           |
| <b>Module coordinator</b>  |                          | <b>Module offered by</b>                    |
| chairperson of examination committee   |                          | Faculty of Physics and Astronomy            |
| <b>ECTS</b>  | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b> |
| 10   | numerical grade          | --  |
| <b>Duration</b>  | <b>Module level</b>      | <b>Other prerequisites</b>                  |
| 1 semester   | graduate                 | --  |
| <b>Contents</b>  |                          |   |
| Specific and advanced knowledge of independent scientific work in a current research area, especially in the specialist field.   |                          |   |
| <b>Intended learning outcomes</b>  |                          |   |
| The students have special and advanced knowledge of independent scientific work in a current research area.  |                          |   |
| <b>Courses</b> (type, number of weekly contact hours, language — if other than German)   |                          |   |
| Topologie in der Festkörperphysik (Topology in Solid State Physics): V (3 weekly contact hours) + Ü/P (1 weekly contact hour), German or English, once a year (summer semester)<br>Kompaktseminar Topologie in der Festkörperphysik (Block Taught Seminar Topology in Solid State Physics): S (2 weekly contact hours), German or English, details on availability to be announced (block taught seminar (3 days), usually held during semester break)   |                          |   |
| <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)   |                          |   |
| <p>This module has the following assessment components</p> <ol style="list-style-type: none"> <li>1. Topics covered in lectures and exercises: written examination (approx. 90 minutes) or talk (approx. 30 minutes) or oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or project report (approx. 8 pages)</li> <li>2. Seminar: talk (approx. 30 to 45 minutes)</li> </ol> <p>Assessment components 1 and 2 will be offered in German or English.<br/>Students must register for assessment components 1 and 2 online (details to be announced).<br/>Assessment component 1 will be offered once a year in the summer semester; details on when assessment component 2 will be offered to be announced.<br/>To pass this module, students must pass both assessment component 1 and assessment component 2.</p> |                          |   |
| <b>Allocation of places</b>  |                          |   |
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| <b>Additional information</b>  |                          |   |
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| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)   |                          |   |
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| <b>Module appears in</b>   |                          |   |
| keinem Studiengang zugeordnet  |                          |   |