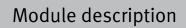
Module description

Module title					Abbreviation
FOKUS Research Module Theory of Superconductivity 11-FM-TSL-092-m01					
Module coordinator				Module offered by	
chairperson of examination committee			Faculty of Physics and Astronomy		
ECTS Method of grading		Only after succ. compl. of module(s)			
10 numerical grade					
Duration Module level		Other prerequisites			
1 semester		graduate			
Contents					
Specific and advanced knowledge of independent scientific work in a current research area, especially in the dis- cipline of Superconductivity, reproduction of knowledge, acquisition of social and methodological competen- cies.					
Intended learning outcomes					
The students have special and advanced knowledge of independent scientific work in a current research area, especially in the field of the theory of superconductivity, and are able to reproduce the acquired knowledge, to apply the acquired methods and to summarise a sub-area of the current research area in an oral presentation.					
Courses (type, number of weekly contact hours, language — if other than German)					
Theorie der Supraleitung (Theory of Superconduction): V (2 weekly contact hours) + Ü/P (1 weekly contact hour), German or English, once a year (summer semester) Kompaktseminar Theorie der Supraleitung (Block Taught Seminar Theory of Superconduction): S (2 weekly con- tact hours), German or English, details on availability to be announced (block taught seminar (3 days), usually held during semester break)					
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether					
module is creditable for bonus)					
 This module has the following assessment components 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) 2. Seminar: talk (approx. 30 to 45 minutes) 					
Assessment components 1 and 2 will be offered in German or English. Students must register for assessment components 1 and 2 online (details to be announced). Assessment component 1 will be offered once a year in the summer semester; details on when assessment com- ponent 2 will be offered to be announced. To pass this module, students must pass both assessment component 1 and assessment component 2.					
Allocation of places					
Additional information					
Workload					
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module appears in					
Master's degree (1 major) FOKUS Physics (2010)					



Master's degree (1 major) FOKUS Physics (2011)

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