

Module description

Module title					Abbreviation		
Special Theory of Relativity					11-SRT-112-mo1		
Module coordinator				Module offered by			
Managing Director of the Institute of Theoretical Physics and Astrophysics				Faculty of Physics and Astronomy			
ECTS	CTS Method of grading Only after succ. compl.		npl. of module(s)				
4	nume	rical grade					
Duration		Module level	Other prerequisites	ther prerequisites			
1 semester		graduate	sessment. The lectuat the beginning of sidered a declaration dents have obtained the course of the sessment into effected to assessment is sessment at a later	Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew.			
Conten	tc		aumission to assess	Sincine uniew.			
nian eq	uation	principles; differenti of motion; relativisti ning outcomes		y; Minkowski space	; Lorentz transformation, Hamilto-		
familia	r with r		formulation of special re		es of special relativity. They are le to apply the acquired knowled-		
Courses (type, number of weekly contact hours, language — if other than German)							
V + R (no information on SWS (weekly contact hours) and course language available)							
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)							
groups project (approx Assessi and wil	(appro report c. 30 m ment o l be an	ox. 30 minutes per car (approx. 8 to 10 page inutes) offered: When and how	ndidate, for modules withes, time to complete: 1 to	h less than 4 ECTS ci 4 weeks) or d) preso be offered depends	idate each or oral examination in redits approx. 20 minutes) or c) entation/seminar presentation on the method of assessment 3 ASPO (general academic and		
Allocation of places							
Additional information							
Workload							
Teaching cycle							

Referred to in LPO I (examination regulations for teaching-degree programmes)

Module appears in



Module description

Bachelor' degree (1 major) Physics (2010)

Bachelor' degree (1 major) Physics (2012)

Master's degree (1 major) Physics (2010)

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

Master's degree (1 major) Mathematical Physics (2012)

Master's degree (1 major) FOKUS Physics (2010)

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

Master's degree (1 major) FOKUS Physics (2006)

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