Module description

Module title					Abbreviation		
Relativistical Quantumfield Theory					11-RQFT-092-m01		
Module coordinator				Module offered by			
Managing Director of the Institute of Theoretical Physics and Astrophysics			neoretical Physics	Faculty of Physics and Astronomy			
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)			
8	nume	rical grade					
Duration		Module level	Other prerequisites	\$			
1 semester		graduate	Certain prerequisites must be met to qualify for admission to as- sessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be con- sidered a declaration of will to seek admission to assessment. If stu- dents have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for as- sessment into effect. Students who meet all prerequisites will be admit- ted to assessment in the current or in the subsequent semester. For as- sessment at a later date, students will have to obtain the qualification fo admission to assessment anew.				
Conter	te			Sment unew.			
theory.		an rules. Quantum elect			and interaction. Perturbation on. Radiative corrections and re-		
Intend	ed lear	ning outcomes					
They kı proces	now ho ses in t	w to use perturbation the	eory and how to apply m electrodynamics in	y Feynman rules. The	ivistic quantum field theories. by are able to calculate basics over, they have a basic under-		
Course	S (type, r	number of weekly contact hours,	language — if other than Ge	rman)			
		mation on SWS (weekly			able)		
		sessment (type, scope, langua le for bonus)	age — if other than German,	examination offered — if no	ot every semester, information on whether		
groups project (appro Assess and wi examir	(appro report x. 30 m ment o Il be an nation r	x. 30 minutes per candic (approx. 8 to 10 pages, t inutes) ffered: When and how of	date, for modules with ime to complete: 1 to ften assessment will l der observance of Sec	h less than 4 ECTS cr 4 weeks) or d) prese be offered depends o	date each or oral examination in redits approx. 20 minutes) or c) entation/seminar presentation on the method of assessment 3 ASPO (general academic and		
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Allocat							
	onal inf	ormation					
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		ormation					
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 Additic Worklo							

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

Module appears in

Bachelor' degree (1 major) Physics (2010) Bachelor' degree (1 major) Physics (2012) Bachelor' degree (1 major) Mathematical Physics (2009) Bachelor' degree (1 major) Mathematical Physics (2012) Master's degree (1 major) Mathematics (2012) Master's degree (1 major) Mathematics (2010) 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 (2011) Master's degree (1 major) Computational Mathematics (2012)

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