

Master Mathematical Physics

Moduleinschreibung (AlmaWeb):	31. März 2021 12:00 Uhr	Ende: 7. April 2021 17:00 Uhr
Registration (AlmaWeb):	31st March 2021 12.00 (noon)	End: 7th April 2021 17.00
Modulabmeldung / De-Registration (AlmaWeb):	26. Juni 2021 23:59 Uhr	26th June 2021 23.59

Compulsory module 3rd / 4th semester

Forschungspraktikum Research Practice							(12-PHY-MPFS)
Prof. Dr. R. Verch / Prof. Dr. M. Schwarz	nach Vereinbarung / by agreement					S	

Advanced Seminar

Quantenfeldtheorie Quantum Field Theory							(12-PHY-MWPHS5)
Prof. Ph. D. S. Hollands / Dr. J. Zahn	nach Vereinbarung / by agreement					S	

Link:

Theorie kondensierter Materie Condensed Matter Theory							(12-PHY-MWPHS7)
Prof. Dr. K. Kroy		Mi/We	16:15-17:45	S	DS		

Link: <https://moodle2.uni-leipzig.de/enrol/index.php?id=31698>

Computerorientierte Quantenfeldtheorie Computer-oriented Quantum Field Theory							(12-PHY-MWPHS8)
Prof. Dr. W. Janke	nach Vereinbarung / by agreement					S	

Link:

Quantenstatistische Physik Quantum Statistical Physics							(12-PHY-MWPHS9)
Prof. Dr. B. Rosenow	nach Vereinbarung / by agreement						

Link:

Compulsory Elective Modules - Mathematics

Fortgeschrittene Analysis I - Partielle Differentialgleichungen Advanced Analysis - Partial Differential Equations							(10-MAT-MPAN1)
Ph. D. H. Dietert	Start: 12.4.2021	Mo	11:15-12:45	L	digital		
Ph. D. H. Dietert	Start: 14.4.2021	Mi/We	9:15-10:45	L	digital		
Prof. Dr. J. Brinkschulte	Start: 14.4.2021	Mi/We	13:15-14:45	S	digital		

Link:

Fortgeschrittene Differentialgeometrie I Advanced Differential Geometry I							(10-MAT-MPDG1)
Prof. Dr. H.-B. Rademacher	Start: 13.4.2021	Di/Tu	9:15-10:45	L	digital		
Prof. Dr. H.-B. Rademacher	Start: 14.4.2021	Mi/We	13:15-14:45	L	digital		
Sem. A Prof. Dr. H.-B. Rademacher	Start: 13.4.2021	Di/Tu	13:15-14:45	S	digital		
Sem. B Prof. Dr. H.-B. Rademacher	Start: 14.4.2021	Mi/We	15:15-16:45	S	digital		

Link:

Funktionalanalysis / Operatortheorie Functional Analysis / Operator Theory							(10-MAT-MPPOP1)
Jun.-Prof. Dr. F. H. Pogorzelski	Start: 15.4.2021	Do/Th	9:15-10:45	S	digital		

Link:

Stochastische Prozesse I Stochastic Processes I							(10-MAT-MPSP1)
Prof. Ph. D. A. Sapozhnikov	Start: 12.4.2021	Mo	11:15-12:45	L	digital		
Prof. Ph. D. A. Sapozhnikov	Start: 13.4.2021	Di/Tu	9:15-10:45	L	digital		
tba	nach Vereinbarung / by agreement					S	

Link:

(Stand/as at: March 2021, Änderungen vorbehalten/subject to change)

Abbreviations

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Compulsory Elective Modules - Physics

Kosmologie Cosmology							(12-PHY-MWPQFG2)
Prof. Dr. R. Verch	nach Vereinbarung / by agreement				L		
Prof. Dr. R. Verch	nach Vereinbarung / by agreement				L		
tba	nach Vereinbarung / by agreement				E		
Link:							
Relativistische Quantenfeldtheorie Relativistic Quantum Field Theory							(12-PHY-MWPTET4)
Prof. Ph .D. S. Hollands	Start: 13.4.2021	Di/Tu	15:15-16:45	L	DS		
Prof. Ph .D. S. Hollands	Start: 15.4.2021	Do/Th	13:15-14:45	L	DS		
V. Toomani	nach Vereinbarung / by agreement				E		
Link:							
Fortgeschrittene Statistische Physik Advanced Statistical Physics							(12-PHY-MWPT2)
Prof. Dr. K. Kroy	Start: 15.4.2021	Do/Th	15:15-16:45	L	DS		
Prof. Dr. K. Kroy	Start: 16.4.2021	Fr	11:15-12:45	L	DS		
Gr. 1 Dr. L. Dadhichi	Start:	Fr	13:15-14:45	E	DS		
Gr. 2 M. Sc. R. Wiese	Start:	Fr	13:15-14:45	E	DS		
Link:	https://moodle2.uni-leipzig.de/enrol/index.php?id=31643						

Elective Modules: Mathematics & Physics

Dynamische Systeme Dynamical Systems							(10-MAT-MPDS1)
Prof. Dr. M. Schwarz	Start: 14.4.2021	Mi/We	11:15-12:45	L	digital		
Prof. Dr. M. Schwarz	nach Vereinbarung / by agreement				S		
Link:							
Computersimulation II Computer Simulations II							(12-PHY-MWPMD2)
Prof. W. Janke	nach Vereinbarung / by agreement				L		
Prof. W. Janke	nach Vereinbarung / by agreement				E		
Link:							
Quantenfeldtheorie in gekrümmter Raumzeit Quantum Field Theory on Curved Space Times							(12-PHY-MWPQFG3)
Dr. J. Zahn	Start: 12.4.2021	Mo	9:15-10:45	L			
Dr. J. Zahn	Start: 15.4.2021	Do/Th	9:15-10:45	L			
Dr. J. Zahn	Start: 16.4.2021	Fr	9:15-10:45	E			
Link:	https://moodle2.uni-leipzig.de/enrol/index.php?id=31544						
Theoretikum "Quantenfeldtheorie und Gravitation" Theoretikum "Quantum Field Theory and Gravity"							(12-PHY-MWPOFG6)
Prof. Dr. R. Verch	nach Vereinbarung / by agreement				Lab		
Theoretikum "Theorie kondensierter Materie" Theoretikum "Condensed Matter Theory"							(12-PHY-MWPTKM4)
Prof. Dr. K. Kroy	nach Vereinbarung / by agreement				Lab		

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Elective Module: Computer Science

Neuroinspirierte Informationsverarbeitung Neuro-Inspired Information Processing								(10-202-2104)
Prof. Dr. M. Bogdan	Start: 14.4.2021	Mi/We	9:15-10:45	L	P	Paulinum	Felix-Klein-HS, P 5.014	
Prof. Dr. M. Bogdan	Start: 14.4.2021	Mi/We	11:15-12:45	L	P	Paulinum	Felix-Klein-HS, P 5.014	
Prof. Dr. M. Bogdan / S. Adama	nach Vereinbarung / by agreement			S				

Elective Module: Meteorology

T6-Datenassimilation T6-Data Assimilation								(12-111-1034)
Prof. Dr. J. Quaas	Start: 14.4.2021	Mi/We	13:15-14:45	L				
Prof. Dr. J. Quaas	Start: 14.4.2021	Mi/We	15:00-15:45	Lab				
Link:								

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