

Master Physics

Module Registration (TOOL): 1 October 2024 12.00 - 7 October 2024 17.00

<https://tool.uni-leipzig.de/einschreibung>

Withdrawal from a module and the associated withdrawal from the module examination (AlmaWeb): 11 January 2025 23.59

WPB 1: "Experimental Physics"

Advanced Solid State Physics

(12-PHY-MWPE1)

Prof. Sodemann Villadiego / Prof. Tsirlin	Start: 21.10.2024	Mo	11:15-12:45	L	Linnéstr. 5	SR 218
Prof. Sodemann Villadiego / Prof. Tsirlin	Start: 22.10.2024	Tue	9:15-10:45	L	Linnéstr. 5	SR 218
Prof. Sodemann Villadiego	Start: 24.10.2024	Thu	9:15-10:45	S	ITP, Brüderstr. 16	R 114
Prof. Tsirlin	Start: 23.10.2024	Wed	15:15-16:45	E	Linnéstr. 5	SR 224

Soft Matter Physics

(12-PHY-MWPE2)

Prof. Dr. K. Taute	Start: 15.10.2024	Tue	9:15-10:45	L	Linnéstr. 5	SR 221
Prof. Dr. K. Taute	Start: 17.10.2024	Thu	9:15-10:45	L	Linnéstr. 5	SR 221
Dr. V. Slepukhin	Start: 23.10.2024	Wed	13:15-14:45	S	Linnéstr. 5	SR 224
Prof. Dr. K. Taute	Start: 29.10.2024	Tue	13:15-14:45	E	Linnéstr. 5	SR 221

WPB 2: "Theoretical Physics"

Advanced Quantum Mechanics

(12-PHY-MWPT1)

	Prof. Ph. D. I. A. N. Sodemann Villadiego		Thu	15:15-16:45	L	ITP, Brüderstr. 16	R 210
	Prof. Ph. D. I. A. N. Sodemann Villadiego		Fri	11:15-12:45	L	ITP, Brüderstr. 16	R 210
Gr. 1	Dr. L. Shi		Wed	9:15-10:45	E	ITP, Brüderstr. 16	R 114
Gr. 2	Dr. L. Shi		Fri	9:15-10:45	E	ITP, Brüderstr. 16	R 114

WPB 3: "Advanced Seminars"

Specialized Topics of Solid State Physics

(12-PHY-MWPSKM)

	Prof. Dr. A. Nabeel / Prof. Dr. J. Deiglmayr	Start: 23.10.2024	Wed	15:15-16:45	S	Linnéstr. 5	SR 221
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Specialized Topics of Theoretical and Mathematical Physics

(12-PHY-MWPSMP)

	Prof. Dr. R. Verch			by arrangement	S		
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Specialized Topics of Theoretical Physics

(12-PHY-MWPSTP)

	Prof. Ph. D. I. A. N. Sodemann Villadiego			by arrangement	S		
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(as at: 27 September 2024, subject to change)

Abbreviations

tba= to be announced E= Exercise L= Lecture Lab= Laboratory Course P= Praktikum S= Seminar V= Vorlesung

WPB 4: "Physics Electives"

Theoretikum "Computational Physics"						(12-PHY-MWPCQT3)
Prof. Dr. W. Janke	by arrangement			Lab	ITP, Brüderstr. 16	
Single-Molecule Spectroscopy						(12-PHY-MWPEMSP)
Prof. Dr. R. Seidel		Fri	13:15-14:45	L	Linnéstr. 5	SR 221
Dr. J. Madariaga Marcos	Block course in the lecture-free period			Lab	Linnéstr. 5	
Semiconductor Physics III: Semiconductor Optics						(12-PHY-MWPHLP6)
Dr. C. Sturm		Mon	9:15-10:45	L	Linnéstr. 5	SR 218
Dr. C. Sturm	Summer term 2025			L		
Nuclear Physics						(12-PHY-MWPKP)
Prof. Dr. C. S. Schnohr	Start: 14.10.2024	Mon	9:15-10:45	L	Linnéstr. 5	SR 221
Prof. Dr. C. S. Schnohr	Start: 17.10.2024	Thu	11:15-12:45	S	Linnéstr. 5	SR 221
Cellular Biophysics 1						(12-PHY-MWPM1)
Prof. Dr. C. Mierke		Thu	13:15-14:45	L	Linnéstr. 5	SR 224
Prof. Dr. C. Mierke		Thu	15:15-16:45	S	Linnéstr. 5	SR 224
Nuclear Magnetic Resonance Laboratory						(12-PHY-MWPMQ3)
Prof. Dr. R. Valliulin	by arrangement			P / Lab	Linnéstr. 5	
	https://www.physes.uni-leipzig.de/en/fbi/applied-magnetic-resonance/study#collapse798503					
Electronic Spin Resonance Laboratory						(12-PHY-MWPMQ4)
Prof. Dr. A. Pöpl	by arrangement	Wed	13:00-16:30	P / Lab	Linnéstr. 5	Zi. 111
Physics of Cancer I						(12-PHY-MWPPC1)
Prof. Dr. C. Mierke		Wed	9:15-10:45	L	Linnéstr. 5	SR 224
Prof. Dr. C. Mierke		Wed	11:15-12:45	S	Linnéstr. 5	SR 224
General Relativity						(12-PHY-MWPQFG1)
Dr. M. Casals		Mon	13:15-14:45	L	ITP, Brüderstr. 16	R 114
Dr. M. Casals		Tue	17:15-18:45	L	ITP, Brüderstr. 16	R 114
tba		Fri	13:15-14:45	E	ITP, Brüderstr. 16	R 114
Cosmology						(12-PHY-MWPQFG2)
Prof. Dr. R. Verch		Wed	11:15-12:45	L	ITP, Brüderstr. 16	R 114
Prof. Dr. R. Verch		Thu	13:15-14:45	L	ITP, Brüderstr. 16	R 114
P. Dorau		Thu	17:15-18:45	E	ITP, Brüderstr. 16	R 114

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WPB 4: "Physics Electives"

Practical Course: Quantum Field Theory and Gravity

(12-PHY-MWPQFG6)

Dr. D. Cadamuro by arrangement Lab ITP, Brüderstr. 16

Quantum Technology 3

(12-PHY-MWPQT3)

Prof. Dr. J. Meijer Thu 11:15-12:45 L Linnéstr. 5 SR 218

Prof. Dr. J. Meijer (bi-weekly) Wed 11:15-12:45 S Linnéstr. 5 SR 225

Statistical Mechanics of Deep Learning

(12-PHY-MWPSTP2)

Prof. Dr. B. Rosenow Mon 15:15-16:45 L ITP, Brüderstr. 16 R 114

Prof. Dr. B. Rosenow Wed 17:15-18:45 L ITP, Brüderstr. 16 R 114

M. Kühn Mon 9:15-10:45 S ITP, Brüderstr. 16 R 114

Practical Course: Condensed Matter Theory

(12-PHY-MWPTKM4)

Prof. Dr. K.-D. Kroy by arrangement Lab ITP, Brüderstr. 16

Practical Course: Quantum Statistical Physics

(12-PHY-MWPTKM5)

Prof. Dr. B. Rosenow by arrangement Lab ITP, Brüderstr. 16

Quantum Communication

(NEW, becomes 12-PHY-BMWQC1)

Prof. Dr. N. Aslam Start: 17.10.2024 Thu 13:15-14:45 L Linnéstr. 5 SR 218

Prof. Dr. N. Aslam / Dr. B. Sahar Start: 07.11.24 (bi-weekly) Thu 15:15-16:45 E Linnéstr. 5 SR 218

Info Registration: 30 places are available. Please send an e-mail from your University e-mail (@studserv.uni-leipzig.de) to:

<einschreibung-physgeo[AT]uni-leipzig.de>

Necessary information: Name, Surname, Course of studies and matriculation number.

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Abteilungs- und Gruppenseminare / Group Seminars

Angewandte Magnetische Resonanz (AMR)						
Prof. Dr. R. Valiullin	Mo	9:30-11:00	AS	Linnéstr. 5	R 508	
Angewandte Physik (AP)						
Prof. Dr. A. Anders	n. V. / by arrangement		S			
Angewandte Quantensysteme (AQS)						
Prof. Dr. J. Meijer	Mi / We	13:15-14:45	AS	Linnéstr. 5	SR 221	
Biologische Physik (BIP)						
Prof. Dr. C. Mierke	Mi / We	10:30-13:00	AS		R 326	
Computer-orientierte Quantenfeldtheorie (CQT)						
Prof. Dr. W. Janke	Do / Th	15:15-16:45	AS	Brüderstr. 16	R 114	
Grundlagen und Anwendungen von Halbleiter-Heterostrukturen						
PD Dr. H. von Wenckstern	Mi / We	10:00-11:00	GS	Linnéstr. 5	R 532	
Halbleiterphysik (HLP)						
Prof. Dr. M. Grundmann	Mi / We	11:00-12:30	AS	Linnéstr. 5	R 532	
Oberflächenphysik (OFP)						
Prof. Dr. S. G. Mayr	Mo	13:00-14:30	S	IOM, Permoser Str. 15	SR 16.2	
Molekulare Biophysik (MBP)						
Prof. Dr. R. Seidel	Do / Th	9:00-12:00	AS	Linnéstr. 5	SR 218	
Molekulare Nanophotonik (MON)						
Prof. Dr. F. Cichos	Fr	9:15-10:45	AS	Linnéstr. 5	SR 218	
Magnetische Resonanz komplexer Quantenfestkörper (MQF)						
Prof. Dr. J. Haase / Prof. Dr. A. Pöpl	Di / Tu	11:15-12:45	GS	Linnéstr. 5	SR 225	
Physik weicher Materie (PWM)						
Prof. Dr. J. A. Käs	Fr	11:15-12:45	AS	Linnéstr. 5		
Quantenfeldtheorie und Gravitation (QFG)						
Prof. Dr. R. Verch	Do / Th	13:15-14:45	AS	Brüderstr. 16	R 114	
Quantum Field Theory, Gravitation and Elementary Particles						
Dr. Cadamuro / Prof. Hollands / Prof. Verch	Mo	15:15-16:45	AS	Brüderstr. 16		
Quantenoptik (QOP)						
Prof. Dr. J. Deiglmayr	Mo	10:00-11:00	S	Linnéstr. 5		
Struktur und Eigenschaften komplexer Festkörper (SEF)						
Prof. Dr. C. S. Schnohr	Mi / We	9:00-11:00	AS	Linnéstr. 5	R 533	
Statistische Physik (STP)						
Prof. Dr. B. Rosenow	Di / Tu	14:00-16:00	AS	Brüderstr. 16	R 211	
Supraleitung und Magnetismus (SUM)						
Prof. Dr. P. A. Tsirlin	Do / Th	9:15-10:45	GS	Linnéstr. 5	SR 221	
Theorie der Elementarteilchen (TET)						
Prof. Ph. D. S. Hollands	n. V. / by arrangement		AS	Brüderstr. 16		
Theorie der kondensierten Materie (TKM)						
Prof. Dr. K. Kroy / Prof. Dr. J. Vollmer	n. V. / by arrangement		AS	Brüderstr. 16		