

# Master Physics (2023) / M. Sc. Physik / M. Sc. IPSP (2019)

Module Registration (TOOL): 19 March 2024 12.00 - 25 March 2024 17.00

Withdrawal from a module and the associated withdrawal from the module examination (AlmaWeb): 8 June 2024 23.59

## WPB 2: "Theoretical Physics"

### Advanced Statistical Physics

(12-PHY-MWPT1)

	Prof. Dr. K.-D. Kroy	Start: 8.4.2024	Mon	11:15-12:45	L	ITP, Brüderstr. 16	R 210
	Prof. Dr. K.-D. Kroy	Start: 3.4.2024	Wed	11:15-12:45	L	Linnéstr. 5	SR 221
Gr. 1	K. Tholen	Start:			E	ITP, Brüderstr. 16	
Gr. 2	C. Rein	Start:			E	ITP, Brüderstr. 16	

## WPB 3: "Advanced Seminars"

### Specialized Topics of Solid State Physics

(12-PHY-MWPSKM)

	Prof. Dr. N. Aslam	by arrangement	Mon	15:15-16:45	S	Linnéstr. 5	SR 225
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### Specialized Topics of Theoretical and Mathematical Physics

(12-PHY-MWPSMP)

	Prof. Dr. B. Fine	by arrangement	Fri	15:15-16:45	S	ITP, Brüderstr. 16	R 210
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### Specialized Topics of Theoretical Physics

(12-PHY-MWPSTP)

	Prof. Dr. B. Rosenow	by arrangement	Wed	17:15-18:45	S	ITP, Brüderstr. 16	R 114
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### Specialized Topics of Soft Matter Physics

(12-PHY-MWPSWM)

	Dr. H. Girao Franquelim / Dr. D. Smith	Start: 9.4.2024	Tue	11:15-12:45	S	Linnéstr. 5	SR 218
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(as at: 4 April 2024, subject to change)

### Abbreviations

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## WPB 4: "Physics Electives"

<b>Magnetic Resonance and Imaging in Soft Matter</b>							<b>(12-PHY-MWPAMR)</b>
Prof. Dr. R. Valiullin	by arrangement	Wed	9:15-10:45	L	Linnéstr. 5	SR 221	
Prof. Dr. R. Valiullin	by arrangement			E	Linnéstr. 5		
<b>Advanced Soft Matter and Biological Physics</b>							<b>(12-PHY-MWPASM)</b>
Prof. Dr. J. Schnauß	Start: 3.4.2024	Wed	13:15-14:45	L	Linnéstr. 5	SR 225	
Prof. Dr. J. Schnauß	Start: 4.4.2024	Thu	9:15-10:45	L	Linnéstr. 5	SR 225	
Prof. Dr. J. Schnauß	Start: 4.4.2024	Thu	11:15-12:45	S	Linnéstr. 5	SR 225	
Prof. Dr. J. Schnauß	by arrangement			E	Linnéstr. 5		
<b>Theoretikum "Computational Physics"</b>							<b>(12-PHY-MWPCQT3)</b>
Prof. Dr. W. Janke	by arrangement			Lab	ITP, Brüderstr. 16		
<b>Semiconductor Physics II: Semiconductor Devices II</b>							<b>(12-PHY-MWPHLP3)</b>
Prof. Dr. M. Grundmann	Start: 8.4.2024	Mon	13:15-14:45	L	Linnéstr. 5	R 532	
Prof. Dr. M. Grundmann	Start: 4.4.2024	Thu	13:15-14:45	L	Linnéstr. 5	R 532	
<b>Laboratory Work in Semiconductors II</b>							<b>(12-PHY-MWPHLP5)</b>
PD Dr. H. von Wenckstern	by arrangement			Lab			
<b>Semiconductor Physics III: Semiconductor Optics</b>							<b>(12-PHY-MWPHLP6)</b>
Dr. C. Sturm	winter term 2023/24			L			
Dr. C. Sturm	by arrangement			L			
<b>Experimental Methods in Biophysics</b>							<b>(12-PHY-MWPM3)</b>
Prof. Dr. C. Mierke	by arrangement	Thu	13:15-14:45	L	Linnéstr. 5	SR 224	
Prof. Dr. C. Mierke	by arrangement	Thu	15:15-16:45	S	Linnéstr. 5	SR 224	
<b>Computer Simulations II</b>							<b>(12-PHY-MWPMDC2)</b>
Prof. Dr. W. Janke	by arrangement	Thu	15:15-16:45	L	ITP, Brüderstr. 16	R 114	
Prof. Dr. W. Janke	by arrangement	Tue	15:15-16:45	E	ITP, Brüderstr. 16	R 114	
<b>Active Matter Physics</b>							<b>(12-PHY-MWPMON3)</b>
Prof. Dr. F. Cichos	by arrangement	Thu	9:15-10:45	L	Linnéstr. 5	SR 224	
Dr. X. Wang	by arrangement	Wed	13:15-14:45	S	Linnéstr. 5	SR 224	
<b>Electronic Spin Resonance Laboratory</b>							<b>(12-PHY-MWPMQ4)</b>
Prof. Dr. A. Pöpl	by arrangement	Wed	13:00-16:30	Lab	Linnéstr. 5	Zi. 111	
<b>Physics of Cancer II</b>							<b>(12-PHY-MWPPOC2)</b>
Prof. Dr. C. Mierke	by arrangement			L	Linnéstr. 5		
Prof. Dr. C. Mierke	by arrangement			S	Linnéstr. 5		

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## WPB 4: "Physics Electives"

<b>Quantum Field Theory on Curved Space Time</b>							<b>(12-PHY-MWPQFG3)</b>
Prof. Dr. R. Verch	by arrangement	Wed	11:15-12:45	L	ITP, Brüderstr. 16	R 114	
Prof. Dr. R. Verch	by arrangement	Thu	13:15-14:45	L	ITP, Brüderstr. 16	R 210	
Prof. Dr. R. Verch	by arrangement	Thu	17:15-18:45	E	Linnéstr. 5	SR 224	
<b>Practical Course: Quantum Field Theory and Gravity</b>							<b>(12-PHY-MWPQFG6)</b>
Dr. D. Cadamuro	by arrangement			Lab	ITP, Brüderstr. 16		
<b>Quantum Technology 2</b>							<b>(12-PHY-MWPQT2)</b>
Dr. S. Pezzagna	by arrangement			L	Linnéstr. 5		
Dr. R. Wunderlich	by arrangement			S	Linnéstr. 5		
<b>Quantum Field Theory of Many-Particle Systems</b>							<b>(12-PHY-MWPSTP1)</b>
Prof. Dr. B. Rosenow	by arrangement	Wed	15:15-16:45	L	ITP, Brüderstr. 16	R 114	
Prof. Dr. B. Rosenow	by arrangement	Fri	11:15-12:45	L	ITP, Brüderstr. 16	R 114	
M. Thamm	by arrangement			E	ITP, Brüderstr. 16		
<b>Superconductivity and Magnetism Laboratory</b>							<b>(12-PHY-MWPSTP3)</b>
Prof. A. Tsirlin / A Lee	by arrangement			Lab			
<b>Relativistic Quantum Field Theory</b>							<b>(12-PHY-MWPTET4)</b>
Prof. Ph.D. S. Hollands	by arrangement	Mon	17:15-18:45	L	ITP, Brüderstr. 16	R 210	
Prof. Ph.D. S. Hollands	by arrangement	Fri	9:15-10:45	L	ITP, Brüderstr. 16	R 114	
Dr. J. Zahn	by arrangement			E	ITP, Brüderstr. 16		
<b>Non-linear Dynamics and Pattern Formation</b>							<b>(12-PHY-MWPTKS1)</b>
Prof. Dr. J. Vollmer	by arrangement			L	ITP, Brüderstr. 16		
Prof. Dr. J. Vollmer	by arrangement			L	ITP, Brüderstr. 16		
Prof. Dr. J. Vollmer	by arrangement			E	ITP, Brüderstr. 16		
<b>Group Theory and Its Applications in Physics</b>							<b>(12-PHY-MWPXT1)</b>
Prof. Dr. D. Roggenkamp	Start: 2.4.2024	Tue	13:15-14:45	L	ITP, Brüderstr. 16	R 210	
Prof. Dr. D. Roggenkamp	Start: 2.4.2024	Thu	11:15-12:45	L	ITP, Brüderstr. 16	R 114	
Prof. Dr. D. Roggenkamp	Start: 2.4.2024	Thu	13:15-14:45	E	ITP, Brüderstr. 16	R 114	
<b>Particle Physics</b>							<b>(12-PHY-MWPXT2)</b>
Dr. D. Spemann	Start: 2.4.2024	Tue	9:15-10:45	L	Linnéstr. 5	SR 218	
Dr. D. Spemann	Start: 9.4.2024 (bi-weekly)	Tue	7:30-9:00	E	Linnéstr. 5	SR 218	
<b>Black Holes (10 CP)</b>							<b>(NEW)</b>
Prof. Ph.D. D. Gajic	by arrangement	Tue	17:15-18:45	L	ITP, Brüderstr. 16	R 114	
Prof. Ph.D. D. Gajic	by arrangement	Thu	9:15-10:45	L	ITP, Brüderstr. 16	R 114	
Q. Rutgers	by arrangement	Fri	13:15-14:45	E	ITP, Brüderstr. 16	R 114	
Info	Registration: 25 places are available. Please send an e-mail from your University e-mail (@studserv.uni-leipzig.de) to: module-regsitration[A]physes.uni-leipzig.de Necessary information: Name, Surname, Course of studies and matriculation number. <a href="https://moodle2.uni-leipzig.de/course/view.php?id=48658">https://moodle2.uni-leipzig.de/course/view.php?id=48658</a>						

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