

Master Physics

Module Registration (TOOL): 26 September 2023 12.00 - 2 October 2023 17.00

Withdrawal from a module and the associated withdrawal from the module examination (AlmaWeb): 6 January 2024 23.59

WPB 1: „Experimental Physics“

Soft Matter Physics

(12-PHY-MWPE2)

Prof. Dr. F. Cichos	Start: 11.10.2023	Wed	13:15-14:45	L	Linnéstr. 5	SR 224
Prof. Dr. F. Cichos	Start: 12.10.2023	Thu	9:15-10:45	L	Linnéstr. 5	SR 224
Ph. D. D. Paul	Start: 17.10.2023	Tue	13:15-14:45	S	Linnéstr. 5	SR 221
Dr. M. Anton	Start: 17.10.2023	Tue	9:15-10:45	E	Linnéstr. 5	SR 221

Link: <https://home.uni-leipzig.de/~physik/sites/mona/teaching/periodic-lectures/soft-matter-physics-ws-2023-24/>

WPB 2: „Theoretical Physics“

Advanced Quantum Mechanics

(12-PHY-MWPT1)

	Prof. Dr. B. Rosenow	Start:	L	ITP, Brüderstr. 16
	Prof. Dr. B. Rosenow	Start:	L	ITP, Brüderstr. 16
Gr. 1	M. Thamm	Start:	E	ITP, Brüderstr. 16
Gr. 2	M. Thamm	Start:	E	ITP, Brüderstr. 16

WPB 3: „Advanced Seminars“

Specialized Topics of Solid State Physics - Quantum Optics

(12-PHY-MWPSKM)

Prof. Deiglmayer / Prof. Grundmann / Prof. Meijer by arrangement S

Specialized Topics of Theoretical and Mathematical Physics

(12-PHY-MWPSP)

Prof. Ph. D. D. Gajic by arrangement S

Specialized Topics of Theoretical Physics

(12-PHY-MWPSTP)

Prof. Ph. D. I. Sodemann Villadiego by arrangement S

Specialized Topics of Soft Matter Physics - Cell Mechanics

(12-PHY-MWPSSM)

Prof. Dr. C. Mierke by arrangement S

(as at: 25 September 2023, 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

Single-Molecule Spectroscopy

(12-PHY-MWPEMSP)

Dr. H. G. Franquelim by arrangement L Linnéstr. 5

Dr. H. G. Franquelim by arrangement Lab Linnéstr. 5

Semiconductor Physics III: Semiconductor Optics

(12-PHY-MWPHLP6)

Dr. C. Sturm by arrangement L Linnéstr. 5 SR 224

Dr. C. Sturm Summer term 2024 L

Nuclear Physics

(12-PHY-MWPKP)

Prof. Dr. C. S. Schnohr by arrangement Mo 9:15-10:45 L Linnéstr. 5 SR 224

Prof. Dr. C. S. Schnohr by arrangement Do / Th 11:15-12:45 S Linnéstr. 5 SR 224

Cellular Biophysics

(12-PHY-MWPM1)

Prof. Dr. C. Mierke by arrangement L

Prof. Dr. C. Mierke by arrangement S

Electronic Spin Resonance Laboratory

(12-PHY-MWPMQ4)

Prof. Dr. A. Pöpl by arrangement Mi / We 13:00-16:30 P / Lab Linnéstr. 5 Zi. 111

Physics of Cancer I

(12-PHY-MWPPOC1)

Prof. Dr. C. Mierke by arrangement L

Prof. Dr. C. Mierke by arrangement S

General Relativity

(12-PHY-MWPQFG1)

Prof. S. Hollands / Prof. R. Verch by arrangement L ITP, Brüderstr. 16

Prof. S. Hollands / Prof. R. Verch by arrangement L ITP, Brüderstr. 16

L. Sangaletti by arrangement E ITP, Brüderstr. 16

Cosmology

(12-PHY-MWPQFG2)

Prof. Dr. R. Verch by arrangement L ITP, Brüderstr. 16

Prof. Dr. R. Verch by arrangement L ITP, Brüderstr. 16

N.N. by arrangement E ITP, Brüderstr. 16

Quantum Field Theory on Curved Space Times

(12-PHY-MWPQFG3)

Dr. J. Zahn by arrangement L ITP, Brüderstr. 16

Dr. J. Zahn by arrangement L ITP, Brüderstr. 16

Dr. J. Zahn by arrangement E ITP, Brüderstr. 16

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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

by arrangement

L

Linnéstr. 5

SR 221

Prof. Dr. J. Meijer

by arrangement

S

Statistical Mechanics of Deep Learning

(12-PHY-MWPSTP2)

Prof. Dr. B. Rosenow

by arrangement

L

ITP, Brüderstr. 16

Prof. Dr. B. Rosenow

by arrangement

L

ITP, Brüderstr. 16

A. Afanah / M. Staats

by arrangement

S

ITP, Brüderstr. 16

Quantum Communication

(NEW)

Prof. Dr. N. Aslam

by arrangement

L

Linnéstr. 5

Prof. Dr. N. Aslam

by arrangement

E

Linnéstr. 5

Info

Registration: 25 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 / Prof Dr. M. Lorenz 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 Mo 11:00-13:00 AS Brüderstr. 16 R 211

Supraleitung und Magnetismus (SUM)

Prof. Dr. P. A. Tsirlin / Prof. Dr. M. Ziese 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