

Lectures held by our institute

Note:

You have to be logged in the intranet to see the active link to the download page of the course. Please click on the lock icon on the top right of the page and use the login data from the first lecture. (SS = summer semester, WS = winter semester)

Summer Term 2018

WS 18/19 - Klassische Experimentalphysik I: Grundkurs Mechanik, Wärme --- Prof. Kaluza

Lecture

by **Prof. Dr. Malte Kaluza**

when: tuesdays and thursdays, 8:00 - 10:00 a.m.,

where: lecture hall 1 (Max-Wien-Platz 1)

Seminare

-1-:

mondays: 2:00 - 4:00 p.m. in SR 3 (Max-Wien-Platz 1)

-2-:

wednesdays: 10:00 - 12:00 a.m. in SR 1 (Max-Wien-Platz 1)

-3-:

wednesdays: 12:00 - 2:00 p.m. in SR 1 (Max-Wien-Platz 1)

-4-:

fridays 12:00 bis 2:00 p.m. in SR 1 (Max-Wien-Platz 1)

- 5 -:

fridays 12:00 bis 2:00 p.m. in SR 3 (Max-Wien-Platz 1)

- 6 -:

wednesdays 12:00 bis 2:00 p.m. in SR 3 (Max-Wien-Platz 1)

Seminare leaders:

Körner, Jörg , Dr. rer. nat.

Schwab, Matthew Bradley , M.Sc.

Duparré, Michael , Dr. rer. nat.

Becker, Georg

Welsch, Eberhard, Privatdozent, Dr. rer. nat. habil.

Wirth, Carola , M.Sc.

Material and information you can find **HERE**

WS 18/19 - Experimentalphysik I für Geo- und Werkstoffwissenschaftler --- Prof. Dr. A. Pfeiffer

Lecture

lectured by **Prof. Dr. Adrian Pfeiffer**

when:mondays and tuesdays, 12:00 - 2:00 p.m.

where: HS 1 (Max-Wien-Platz 1)

material for the lecture you find **HERE**

WS 18/19 - Atome und Moleküle --- Prof. Dr. Christian Spielmann

Lecture

held by **Prof. Dr. Christian Spielmann**

thursdays and fridays, 12:00 a.m. to 2:00 p.m.

lecture hall 1, Max-Wien-Platz 1

Seminare

mondays, 8:00-10:00 a.m., SR 5 (Max-Wien-Platz 1), Tobias Helk

tuesdays, 8:00-10:00 a.m., SR 1 (Max-Wien-Platz 1), Frederik Tuitje

tuesdays, 8:00-10:00 a.m., SR 4 (Max-Wien-Platz 1), Richard Hollinger

tuesdays, 10:00-12:00 a.m., SR 4 (Max-Wien-Platz 1), Richard Hollinger

Information and material you can find **HERE**.

WS 18/19 - Nonlinear Optics --- Prof.G.G. Paulus

Lecture

by: **Prof. Dr.Gerhard Paulus**

when: mondays, 12:00 a.m. - 2:00 p.m.,

where: SR 1 (Max-Wien-Platz 1)

Material and information you can find **HERE**

WS 18/19 - Oberseminar Optik --- Prof. Spielmann

by **Prof. Christian Spielmann**

takes place as block seminare.

Material for the seminar you can find **Here**.

WS 18/19 - High-Intensity / Relativistic Optics --- Prof. M. C. Kaluza

Lecture

by: **Prof. Dr. Malte Kaluza**

when: thursdays, 2:00 - 4:00 p.m.,

where: SR 4 (Max-Wien-Platz 1)

Material you can find **HERE**

WS 16/17 - Attosecond laser physics--- Prof. A. Pfeiffer

Lecture held by **Prof. A. Pfeiffer**

when: thursdays, 10:00 a.m. to noon

where: Helmholtzweg 4 - SR 6

Seminare

when: thursdays, 2:00 p.m. to 4:00 p.m.

where: Helmholtzweg 5 - SR 2

Information and materials connected to the lecture you can find **HERE**.

WS 18/19 - Grundlagen der Photonik --- Prof. Dr. C. Spielmann

Lecture

held by **Prof. Dr. Christian Spielmann**

Time: Wednesdays, 12:00 a.m. to 2:00 p.m., weekly

Place: Helmholtzweg 3, HS 3

Students of the lecture can find material belonging to this lecture **here**

WS 18/19 - Physics ultrafast optical discharge and filamentation --- Prof. Spielmann, Dr. Kartashov

Lecture held by **Prof. Christian Spielmann, Dr. Daniil Kartashov**

Lecture:

thusdays, 2:00 p.m. to 4:00 p.m.

Max-Wien-Platz 1, SR 3

Seminar:

tuesdays, 8:00 a.m to 10:00 a.m, semimonthly

Helmholtzweg 4, SR 6

Information and material you can find **here**.

WS 18/19 - Laser driven radiation sources --- Prof. M. Zepf, Dr. M. Günther

Lecture

by: **Prof. Dr. M. Zepf, Dr. M. Günther**

when: tuesdays, 10:00 a.m. - 12:00 a.m. weekly

where: SR 4 (Max-Wien-Platz 1)

Material for the lecture you can find **HERE**

WS 18/19 - Particles in strong electromagnetic fields --- Prof. Zepf, Dr. Rykovanov

Lecture

by: **Prof. Dr. M. Zepf, Dr. S. Rykovanov**

when: tuesdays, 12:00 a.m. - 2:00 p.m.,

where: SR 5 (Helmholtzweg 5)

Material for the lecture you can find **HERE**.

WS 18/19 - Renewable Energies --- Prof. G. G. Paulus

Lecture

by **Prof. Dr. Gerhard Paulus**

when: tuesdays, noon - 2:00 p.m.,

where: Lecture hall 2 Abbeaum (Frobelstieg 1)

Material and information you can find **HERE**

WS 18/19 - Introduction to accelerator physics --- Prof. Stöhlker

Lecture

held by **Prof. Dr. M. Kaluza, Dr. J. Körner**

Time: fridays, noon to 2:00 p.m., weekly

Place: SR 4 (Max-Wien-Platz 1)

Students of the lecture can find material belonging to this lecture **HERE**

WS 16/17 - Biographies as approach to history of physics: protagonist and objects --- Dr. Forstner

Lecture

by: **Dr. Oliver Forstner**

when: thursdays, 8:00 to 10:00 a.m.,

where: Helmholtzweg 4 - SR 5

Material and information you can find **here**.

WS 18/19 - Biomedical Imaging --- Prof. Förster, Prof. Reichenbach

Lecture

responsible: **Prof. E. Förster** and **Prof. J. Reichenbach**

language: English

when: thursdays. 10:00 to 12:00 a.m., weekly

where: Max-Wien-Platz 1, SR 1

Seminar:

when: tuesdays 4:00 to 6:00 p.m., fortnightly

where: Helmholtzweg 4, Computerpool

IOQ Coloquium

While the university is in session the seminar of the IOQ will take place on fridays at 2:00 p.m. in the conference room.

The programm you can find **here**.

Arbeitsgruppenseminar des IOQ

responsible: **Prof. Dr. Gerhard G. Paulus, Prof. Dr. Christian Spielmann, Prof. Dr. Malte C. Kaluza**

wednesdays, 9.00 - 10.00 a.m. , weekly
Max-Wien-Platz 1, Conference room

Lecture programme: [PDF](#)

Journal Club

responsible: **Prof. Dr. Gerhard G. Paulus, Prof. Dr. Malte C. Kaluza,**

fridays, 2.00 - 4.00 p.m., Max-Wien-Platz 1, meeting room of the IOQ

SS 18 - Klassische Experimentalphysik I: Grundkurs Mechanik, Wärmelehre --- Prof. Kaluza

Lecture

held by **Prof. Dr. Malte Kaluza**

when: Wednesday and Thursday, 10:00 - 12:00 a.m.,

where: LH 3 (Helmholtzweg 3)

Materials for the lecture you can find **Here**

SS 18 - Klassische Experimentalphysik II: Elektrodynamik / Optik --- Prof. Paulus

Lecture

held by **Prof. Dr. Gerhard Paulus**

when: Tuesday and Thursday, 08:00 - 10:00 a.m.,

where: LH 1 (Max-Wien-Platz 1)

Material for the lecture you can find **Here**.

SS 18 - Vorbereitungsmodul für die Staatsprüfung Experimentalphysik --- Dr. M. Zürch

Seminar

by **Dr. Michael Zürch**

when: Mondays 10:00 bis 12:00 a.m., weekly

where: Max-Wien-Platz 1, SR 4

Materials you can find **Here**.

SS 18 - Experimentalphysik für Geo- und Werkstoffwissenschaften --- Prof. Pfeiffer

Lecture

held by **Prof. Dr. Adrian Pfeiffer**

when: Monday and Tuesday, 12:00 a.m. - 02:00 p.m.,

where: LH 1 (Max-Wien-Platz 1)

Material for the lecture you can find **Here**.

SS 18 - Physik der Materie I: Atome und Moleküle (Lehramt) --- Prof. Dr. C. Spielmann

Lecture

by **Prof. Dr. Christian Spielmann**

when: Monday 12:00 a.m. to 02:00 p.m.Uhr

where: Helmholtzweg 3 - LH 3

Material for the lecture you can find **Here**

SS 18 - Plasma Physics --- Prof. Kaluza

Lecture

by **Prof. Dr. M. Kalua**

when: Tuesday, 10:00 - 12:00 a.m.,

where: SR 2 (Helmholtzweg 5)

Material for the lecture you can find **Here**.

SS 18 - Laser driven Radiation Sources --- Prof. Zepf, Dr. Günther

Lecture

by: **Prof. Dr. M. Zepf, Dr. M. Günther**

when: Tuesday, 12:00 a.m. - 2:00 p.m.,

where: SR 6 (Helmholtzweg 4)

Material for the lecture you can find **Here**.

SS 18 - Physics of Free Electron Laser --- Dr. C. Rödel

Lecture

by **Dr. Christian Rödel**

when: Monday , 8:00 - 10:00 a.m.,

where: SR 1 (Max-Wien-Platz 1)

Material for the lecture you can find **Here**.

SS 18 - Terahertz Technology --- Dr. Amrutha Gopal

Lecture

by **Dr. Amrutha Gopal**

when: Wednesday, 12:00 a.m. - 2:00 p.m.,

where: SR 4 (Max-Wien-Platz 1)

Material for the lecture you can find **Here**.

SS 18 - Modern Methods in Nuclear Physics: Theory and Application --- Dr. Forstner

Lecture

by **Dr. Forstner**

when: Friday, 10:00 - 12:00 a.m.,

where: SR 102 (Fröbelstieg 1)

Material for the lecture you can find **Here**.

SS 18 - XUV and X-Ray Optics --- Prof. Spielmann

Lecture

by **Prof. Dr. Christian Spielmann**

when: Tuesday 10:00 - 12:00 a.m.,

where: Max-Wien-Platz 1, SR 4

Seminar

by **Dr. Daniil Kartashov**

when: Monday 8:00 - 10:00 a.m.,

where: Max-Wien-Platz 1, SR 4

Material for the lecture you can find [Here](#).

SS 18 - Moderne Methoden der Spektroskopie --- Prof. Dr. C. Spielmann

Lecture

by **Prof. Dr. Christian Spielmann**

when: Tuesday 2:00 - 4:00 p.m.,

where: Max-Wien-Platz 1, SR 3

Material for the lecture you can find [Here](#).

SS 18 - The Physics of Extreme Electromagnetic Fields --- Prof. T. Stöhlker, Dr. Volotka

Lecture

by **Prof. Thomas Stöhlker und Dr. Andrey Volotka**

when: Wednesday, 10:00 - 12:00 a.m.,

where: SR 4 (Max-Wien-Platz 1)

Material for the lecture you can find [Here](#).

SS 18 - Biomedical Imaging Non-ionizing Radiation --- Prof. Förster, Prof. Reichenbach

Lecture

by **Prof. Dr. E. Förster and Prof. Dr. J. Reichenbach**

when: Thursday, 10:00 - 12:00 a.m.,

where: SR 5 1 (Helmholtzweg 5)

Seminars: Tuesday 4:00 - 6:00 p.m., Computerpool (Helmholtzweg 4)

WS 17/18 - Vorkurs Mathematik - Prof. Malte Kaluza

Course

by **Prof. Dr. Malte Kaluza** and **Frau Dr. Agnes Sambale**

when: 02. Oktober to 13. Oktober 2017, 8:00a.m. - 12:30p.m.,

where: HS 1 (Fröbelstieg 1)

The seminars take place in the afternoon, 13:30 - 16:30p.m.

More information will be given in the beginning of the course.

Material belonging to the course you will find **HERE**.

WS 17/18 - Experimentalphysik für Physiker I --- Prof. M. C. Kaluza

Lecture

by **Prof. Dr. Malte Kaluza**

when: tuesdays and thursdays, 8:00 - 10:00 a.m.,

where: lecture hall 1 (Max-Wien-Platz 1)

Material and information you can find **HERE**

WS 17/18 - Nonlinear Optics --- Prof.G.G. Paulus

Lecture

by: **Prof. Dr.Gerhard Paulus**

when: tuesday 10:00 a.m. - noon,

where: seminar room 1 (Max-Wien-Platz 1)

Material and information you can find **HERE**.

WS 17/18 - Atome und Moleküle --- Prof. Dr. Christian Spielmann

Lecture held by **Prof. Christian Spielmann**

tuesdays 8:00 a.m. to 10:00 a.m and fridays, noon to 2:00 p.m.

Information and material you can find [HERE](#).

WS 17/18 - Renewable Energies --- Prof. G. G. Paulus

Lecture

by **Prof. Dr. Gerhard Paulus**

when: tuesdays , noon -2:00p.m.,

where: SR 4 (Max-Wien-Platz 1)

The exam will take place on March 1st at 10:00 to 12:00 a.m. in SR 5 - Helmholtzweg 4.

Material and information you can find **HERE**.

WS 17/18 - Grundlagen der Photonik --- Prof. Dr. Christian Spielmann

Lecture

held by Prof. Dr. Christian Spielmann

Time: mondays, 10:00 a.m. to noon, weekly

Place: Helmholtzweg 5, HS 2 Physik

Students of the lecture can find material belonging to this lecture [HERE](#).

WS 17/18 - History of Optics --- Prof. C. Spielmann

Lecture

lectured by **Prof. Dr. Christian Spielmann**

when: thursdays, 8:00a.m. - 10:00a.m.,

where: HS 2 (Fröbelstieg 1)

material for the lecture **HERE**

WS 17/18 - Physics of optical discharge and filamentation --- Prof. C. Spielmann, Dr. D. Kartashov

Lecture held by **Prof. Christian Spielmann, Dr. Daniil Kartashov**

Lecture:

thursdays, noon to 2:00p.m.

Fröbelstieg 1, SR 102

Seminar:

wednesdays, 2:00 p.m to 4:00 p.m, semimonthly

Max-Wien-Platz 1, SR 4

Information and material you can find [HERE](#).

WS 17/18 - High-Intensity / Relativistic Optics --- Prof. M. C. Kaluza

Lecture

by: **Prof. Dr. Malte Kaluza**

when:thursdays, 2:00 - 4:00 p.m.,

where: SR 2 (Helmholtzweg 5)

Material you can find [HERE](#).

WS 17/18 - Laser driven Radiation sources --- Prof. M. Zepf

Lecture

by: **Prof. Dr. M. Zepf, Dr. M. Günther**

when: wednesdays, noon - 2:00 p.m. weekly

where: SR 3 (Max-Wien-Platz 1)

Material for the lecture you can find [HERE](#).

WS 17/18 - Particles in strong electromagnetic fields --- Prof. M. Zepf

Lecture

by: **Prof. Dr. M. Zepf, Dr. S. Rykovanov**

when: tuesdays, 2:00p.m. - 4:00p.m.,

where: SR 3 (Max-Wien-Platz 1)

Material for the lecture you can find **HERE**.

WS 17/18 - Experimentalphysik I für Geo- und Werkstoffwissenschaftler --- Prof. Pfeifer

Lecture

lectured by **Prof. Dr. Adrian Pfeifer**

when: thuesdays, noon - 2:00 p.m.

where: HS 1 (Max-Wien-Platz 1)

material for the lecture you find **HERE**.

WS 17/18 - Accelerator physics --- Dr. O. Forstner

Lecture

by: **Dr. Oliver Forstner** and **Prof. Dr. Th. Stöhlker**

when: fridays, noon to 2:00 p.m.,

where: Max-Wien-Platz 1 - SR 4

Material and information you can find **HERE**.

WS 17/18 - Interaction high-energy radiation with matter --- Prof. Th. Stöhlker

Lecture

by **Prof. Dr. Thomas Stöhlker**

when: thursdays, 8:00 - 10:00a.m.,

where: SR 3 (Max-Wien-Platz 1)

Material and information you can find **HERE**.

WS 17/18 - Biomedical Imaging --- Prof. E. Förster

Lecture

responsible: **Prof. E. Förster** and **Prof. J. Reichenbach**

language: English

when: thursdays. 10:00a.m. to noon, weekly

where: Max-Wien-Platz 1, SR 1

Seminar:

when: tuesdays 4:00 to 6:00 p.m., fortnightly

where: Helmholtzweg 4, Computerpool

Information and Material for the lecture you can find [HERE](#).

WS 17/18 - Oberseminar Optik --- Prof. Dr. Christian Spielmann

held by **Prof. Christian Spielmann**

Information you can find [here](#).

SS 17 - Klassische Experimentalphysik I --- Prof. Dr. M. Kaluza

Lecture

by **Prof. Dr. Malte Kaluza**

when: wednesdays and thursdays, 10:00 - 12:00 a.m.,

where: lecture hall 3 (Helmholtzweg 3)

Material and information you can find [HERE](#)

SS 17 - Grundkurs Experimentalphysik II: Elektrodynamik/Optik --- Prof. Dr. G. Paulus

Lecture

by **Prof. Dr. Gerhard Paulus**

when: tuesdays and thursdays, 8:00 - 10:00 a.m.,

where: lecture hall 1 (Max-Wien-Platz 1)

Material and information you can find **HERE**

SS 17 - Terahertz Technology --- Dr. A. Gopal

Lecture

held by **Dr. Amrutha Gopal**

when: wednesdays, 12:00 - 2:00 p.m.,

where: SR 1 (Max-Wien-Platz 1)

Information and material you can find **Here**

SS 17 - Moderne Methoden der Spektroskopie - Prof. Dr. Christian Spielmann

Lecture

by **Prof. Dr. Christian Spielmann**

when: Thursdays 10:00 to bis 12:00 a.m.,

where: Max-Wien-Platz 1, SR 4 Physik

Material for the lecture you can find **HERE**.

SS 17 - Laser driven radiation source --- Prof. Dr. M. Zepf

Laser driven radiation sources

Lecture

by **Prof. Dr. M. Zepf**

when:fridays, 10:00 - 12:00 a.m.,

where: HS 6 (Helmholtzweg 4)

Material for the lecture you can find **HERE**

SS 17 - Physik der Materie: Atome und Moleküle für Lehrer--- Prof. Dr. Christian Spielmann

Lecture

by **Prof. Dr. Christian Spielmann**

when: tuesdays, 10:00 - 12:00 a.m.,

where: lecture hall 3 (Helmholtzweg 3)

Seminare:

by **Frederik Tuitje**

wann: thursdays, 08:00 - 10:00 a.m.,

where: SR 4 (Max-Wien-Platz 1)

Material and information you can find **HERE**

SS 17 - Modern Methods in Nuclear Physics: Thoery and Application --- Dr. Forstner

Theory and Application

Lecture

by **Dr. Forstner**

when: fridays, 08:00 - 10:00 a.m.,

where: SR 6 (Helmholtzweg 4)

Material for the lecture you can find **HERE**.

SS 17 - Attosekunden-Laserphysik I - Prof. Dr. G. G. Paulus

Lecture

held by **Prof. Dr. Gerhard Paulus**

when: thursdays, 2:00 - 4:00 p.m.,

where: SR 1 (Max-Wien-Platz 1)

Material for the lecture you can find **HERE**

SS 17 - The Physics of Extreme Electromagnetic Fields: Experiments and Theory --- Prof. Stöhlker

Experiment and Theory

Lecture

by **Prof. Dr. T. Stöhlker and Dr. Volotka**

when: wednesdays, 10:00 - 12:00 a.m.,

where: SR 4 (Max-Wien-Platz 1)

Material for the lecture you can find [hier](#).

SS 17 - Plasma Physics --- Prof. Dr. M. Kaluza

Lecture

held by **Prof. Dr. M. Kaluza**

when: tuesdays, 10:00 - 12:00 a.m.,

where: SR 1 (Max-Wien-Platz 1)

Material for the lecture you can find **HERE**.

SS 17 - XUV and X-Ray Optics - Prof. Dr. C. Spielmann

Lecture

held by **Prof. Dr. Christian Spielmann**

where: tuesdays 12:00 to 2:00 p.m.,

where: Max-Wien-Platz 1, SR 1

Seminar

by **Dr. Daniil Kartashov**

when: wednesdays, 08:00 to 10:00 a.m., fortnightly

where: Max-Wien-Platz 1, SR 3

Material for the lecture you can find **HERE**.

SS 17 - Zeitaufgelöste Röntgenspektroskopie - Prof. Dr. C. Spielmann

Lecture

by **Prof. Dr. Christian Spielmann**

Material for the lecture you can find **HERE**.

SS 17 - Experimentalphysik für Geo- und Werkstoffwissenschaftler --- Prof. Pfeiffer

Lecture

by **Prof. Dr. Adrian Pfeiffer**

when: mondays and tuesdays, 12:00 - 14:00 a.m.,

where: HS 1 (Max-Wien-Platz 1)

Material for the lecture you can find **HERE**

WS 16/17 - Interaction of high-energy radiation with matter --- Prof. T. Stöhlker

Lecture

by **Prof. Dr. Thomas Stöhlker**

when: thursdays, 10:00 - 12:00 a.m.,

where: SR 3 (Max-Wien-Platz 1)

Material and information you can find **HERE**.

WS 16/17 - Thin Film Optics --- Prof. Pfeiffer

Lecture

lectured by **Prof. Dr. Adrian Pfeiffer**

when: fridays, 10:00 - 12:00 a.m.,

where: SR 2 (ACP)

material for the lecture **HERE**