Herbstsemester 2024   (Vorlesungszeit: 16. September – 20. Dezember 2024)

September		Oktober						November			Dezember				Januar	
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	1	2
02.09.-06.09	09.09-13.09	16.09	23.09	30.09-04.10 Schulferien	07.10 BS/BL	14.10	21.10 - 25.10	28.10	04.11	11.11 - 15.11	18.11	25.11 Dies 29.11	02.12-06.12	09.12	01.01.25	06.01.25

September	Oktober	November	Dezember
Intensivkurs (36) FHNW Femtosecond lasers, optical microscopy and OC Thomography (B. Resan) 4u	16.09. -04.10.	07.10. -25.10.	28.10. - 15.11.	18.11.-06.12.

16.09. -04.10.
- (13) Nanochemistry (M.Mayor) 1u
- (11) Nanostructuring / Coating by Plasma (L. Marot) 3u
- (3.1) Semiconductor Nanofabrication Course (D. Zumbühl) 3u
- (5) Biointerfacing materials (C. Palivan) 2u
- (38) Biophysics of bacterial biofilm communities (K. Drescher) 1u

07.10. -25.10.
- (12) Atomistische Simulationen (M Meuwly) 2u
- (27) Ultracold Ions (S.Willitsch) 2u
- (5) Biointerfacing materials (C. Palivan) 2u
- (37) Synthese molekularer Gerüsteneinheiten (Ch.Sparr) 1u
- (1) Single-molecule FRET (S. Schmid) 2u
- (34) Analysis of dynamics of the bacterial Type six secretion system by advanced live-cell imaging techniques (Marek Basler) 2u
- (14) Colloidal nanocrystals (De Roo) 1u
- (7) Single Cell Visualisation (T. Braun) 2u

28.10. - 15.11.
- (24) Nanoreaktionkammern (K.Tiefenbacher) 1u
- (10) Nanoscopic imaging and analysis (M. Wyss) 9u
- (14) Colloidal nanocrystals (De Roo) 1u
- (33) Chemical Modification (V.Köhler/M.Mayor) 1u
- (35) Integrative Structural Biology with NMR spectroscopy (S. Hiller) 2u
- (29) Exploring how the fly brain dynamically controls sleep /wake states (A. Kempf) 1u
- (41 Theory of neural networks (J. Agnes/ F. Donato) 1u

18.11.-06.12.
- (6) Cell-material interactions and Tissue Engineering (G. Guex) 2u
- (32) Measurement Control and Acquisition (M.Poggio) 4u
- (3.2) Quantum transport experiments Cryo-Lab Measurement Course (D. Zumbühl) 3u
- (2.1) Synthesis of nanostructured materials (I. Zardo) 3u
- (21) Engineering protein-hosts for transition metal catalysts (T.Ward) 1u
- (9) Scanning Probe Microscopy (Meyer) 4u
- (17) Low T quantom transport (A. Hofmann) 3u

September column (weeks 36/37):
- Intensivkurs (36) FHNW Femtosecond lasers, optical microscopy and OC Thomography (B. Resan) 4u
- Intensivkurs (19) FHNW Functional biocompatible materials (J. Köser) 8u
- EMPA Intensivkurs (25) Exploring the THz regime (M.Calame) 2u
- EMPA Intensivkurs (40) Raman and photoluminescence spectroscopy at the nanoscale (M.Calame) 3u

(15) (16) Intensivkurs PSI oder Nanolab (T.A.Jung) max.6u für PSI und 6u für Nanolab; Termin nach persönlicher Vereinbarung

| Intensiv: 18 u | Block I 16u | Block II 14u | Block III 19u | Block IV 19 u | Total HS: 86 |

Frühjahrssemester 2025   (Vorlesungszeit 17. Februar-30. Mai 2025)

Februar		März							April				Mai				Juni
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
03.02-07.02	10.02-14.02	17.02	24.02	03.03-07.03	Fasnacht 10.03-14.03	17.03	24.03	31.03-04.04	07.04	14.04 Ostern 17.04-21.04	21.04	28.04-02.05	05.05	12.05	19.05	26.05-30.05 29.Auffahrt	02.06-06.06

Block-Zeiträume:

- **17.02-07.03.** (Spalten 8–10)
- **17.03.-04.04.** (Spalten 12–14)
- **07.04.-02.05.** (Spalten 15–18)
- **05.05.-30.05.** (Spalten 19–22)

Februar (Spalte 6–7):
- (18) Intensivkurs FHNW Nanosensors (J. Köser) 8u
- (28) Optimization of lipid nanoparticles for gene delivery (J. Huwyler) 2u
- (39) Cryo-EM (H. Stahlberg) 3u

Block 17.02-07.03. (Spalten 8–10):
- (9) Scanning Probe Microscopy (E. Meyer) 4u
- (13) Nanochemistry (M. Mayor) 1u
- (3.1) Semiconductor Nanofabrication Course (D. Zumbühl) 3u
- (2.2) Spectroscopy of Phonons (Ilaria Zardo) 3u
- (14) Colloidal nanocrystals (De Roo) 1u

Block 17.03.-04.04. (Spalten 12–14):
- (5) Biointerfacing materials (C. Palivan) 2u
- (13) Nanochemistry (M. Mayor) 1u
- (21) Engineering protein-hosts for transition metal catalysts (T. Ward) 1u
- (27) Ultracold Ions (S. Willitsch) 2u
- (35) Integrative Structural Biology with NMR spectroscopy (S. Hiller) 2u
- (11) Nanostructuring / Coating by Plasma (L. Marot) 3u
- (41) Theory of neural networks (J. Agnes/ F. Donato) 1u
- (29) Exploring how the fly brain dynamically controls sleep /wake states (A. Kempf) 1u

Block 07.04.-02.05. (Spalten 15–18):
- (4) Methods in Nanobiology (R. Lim) 6u
- (32) Measurement Control and Acquisition (M. Poggio) 4u
- (12) Atomistische Simulationen (M. Meuwly) 2u
- (33) Chemical Modification (V. Köhler/M. Mayor) 1u
- (20) Quantum optics and atomic physics (Ph. Treutlein) 3u
- (3.2) Quantum transport experiments Cryo-Lab Measurement Course (D. Zumbühl) 3u

Block 05.05.-30.05. (Spalten 19–22):
- (10) Nanoscopic imaging and analysis (M. Wyss) 9u
- (14) Colloidal nanocrystals (De Roo) 1u
- (38) Biophysics of bacterial biofilm communities (K. Drescher) 1u
- (43) Supercurrent measurements (A. Hofmann) 3u

Juni (Spalte 23):
- (31) Intensivkurs FHNW Engineered functional nanoparticles (P. Shahgaldian) 4u
- (22) Intensivkurs PSI Neutron scattering in solid state physics (M. Kenzelmann, L. Keller) 4u
- (26) µSR spectroscopy (T. Prokscha 4u)

(16) PSI (Intensivkurs) oder (15) Nanolab (Jung) max. 6u Termin nach persönlicher Vereinbarung

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Intensiv: 28 u   Block I: 18 u   Block II: 12u   Block III: 18 u   Block IV: 15 u   Intensiv: 12 u

Total FS: 101