Herbstsemester 2024

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

<table>
<tr><td colspan="2">September</td><td colspan="4">Oktober</td><td colspan="3">November</td><td colspan="4">Dezember</td><td colspan="2">Januar</td></tr>
<tr><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>1</td><td>2</td></tr>
<tr><td>02.09.-06.09</td><td>09.09-13.09</td><td>16.09</td><td>23.09</td><td>30.09-04.10
Schulferien</td><td>07.10
BS/BL</td><td>14.10</td><td>21.10 - 25.10</td><td>28.10</td><td>04.11</td><td>11.11 - 15.11</td><td>18.11</td><td>25.11
Dies 29.11</td><td>02.12-06.12</td><td>09.12</td><td>01.01.25</td><td>06.01.25</td></tr>
<tr><td rowspan="8">Intensivkurs (36) FHNW Femtosecond lasers, optical microscopy and OC Thomography (B. Resan) 4u</td><td rowspan="8">Intensivkurs (19) FHNW Functional biocompatible materials (J. Köser) 8u</td><td colspan="4">16.09. -04.10.</td><td colspan="4">07.10. -25.10.</td><td colspan="3">28.10. - 15.11.</td><td colspan="4">18.11.-06.12.</td><td rowspan="8"></td><td rowspan="8"></td><td rowspan="8"></td></tr>
<tr><td colspan="4">(13) Nanochemistry
(M.Mayor) 1u</td><td colspan="4">(12) Atomistische Simulationen
(M Meuwly) 2u</td><td colspan="3">(24) Nanoreaktionkammern
(K.Tiefenbacher) 1u</td><td colspan="4">(6) Cell-material interactions and Tissue Engineering
(G. Guex) 2u</td></tr>
<tr><td colspan="4" rowspan="2">(11) Nanostructuring / Coating by Plasma
(L. Marot) 3u</td><td colspan="4">(27) Ultracold Ions
(S.Willitsch) 2u</td><td colspan="3">(10) Nanoscopic imaging and analysis
(M. Wyss) 9u</td><td colspan="4">(32) Measurement Control and Acquisition
(M.Poggio) 4u</td></tr>
<tr><td colspan="4">(5) Biointerfacing materials
(C. Palivan) 2u</td><td colspan="3">(14) Colloidal nanocrystals
(De Roo) 1u</td><td colspan="4" rowspan="2">(3.2) Quantum transport experiments Cryo-Lab Measurement Course
(D. Zumbühl) 3u</td></tr>
<tr><td rowspan="2">EMPA Intensivkurs (25) Exploring the THz regime (M.Calame) 2u</td><td rowspan="2">EMPA Intensivkurs (40) Raman and photoluminescence spectroscopy at the nanoscale (M.Calame) 3u</td><td colspan="4" rowspan="2">(3.1) Semiconductor Nanofabrication Course
(D. Zumbühl) 3u</td><td colspan="4">(37) Synthese molekularer Gerüstenheiten (Ch.Sparr) 1u</td><td colspan="3">(33) Chemical Modification
(V.Köhler/M.Mayor) 1u</td></tr>
<tr><td colspan="4">(1) Single-molecule FRET
(S. Schmid) 2u</td><td colspan="3">(35) Integrative Structural Biology with NMR spectroscopy
(S. Hiller) 2u</td><td colspan="4">(2.1) Synthesis of nanostructured materials
(I. Zardo) 3u</td></tr>
<tr><td colspan="4">(5) Biointerfacing materials
(C. Palivan) 2u</td><td colspan="4" rowspan="2">(34) Analysis of dynamics of the bacterial Type six secretion system by advanced live-cell imaging techniques
(Marek Basler) 2u</td><td colspan="3">(29) Exploring how the fly brain dynamically controls sleep /wake states
(A. Kempf) 1u</td><td colspan="4">(21) Engineering protein-hosts for transition metal catalysts
(T.Ward) 1u</td></tr>
<tr><td></td><td></td><td colspan="4">(38) Biophysics of bacterial biofilm communities
(K. Drescher) 1u</td><td colspan="3" rowspan="2">(41 Theory of neural networks
(J. Agnes/ F. Donato) 1u</td><td colspan="4">(9) Scanning Probe Microscopy
(Meyer) 4u</td></tr>
<tr><td></td><td></td><td colspan="4">(14) Colloidal nanocrystals
(De Roo) 1u</td><td colspan="4" rowspan="2">(17) Low T quantom transport
(A. Hofmann) 3u</td></tr>
<tr><td></td><td></td><td colspan="4"></td><td colspan="4">(7) Single Cell Visualisation
(T. Braun) 2u</td><td colspan="3"></td></tr>
<tr><td colspan="18">(15) (16) Intensivkurs PSI oder Nanolab (T.A.Jung) max.6u für PSI und 6u für Nanolab; Termin nach persönlicher Vereinbarung</td></tr>
</table>

Intensiv:	Block I	Block II	Block III	Block IV	Total HS:
18 u	16u	14u	19u	19 u	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
(18) Intensivkurs FHNW Nanosensors (J. Köser) 8u	(28) Optimization of lipid nanoparticles for gene delivery (J. Huwyler) 2u	26.02-15.03.				17.03.-04.04.			07.04. -02.05.				05.05.-30.05.				(31) Intensivkurs FHNW Engineered functional nanoparticles (P. Shahgaldian) 4u
		(9) Scanning Probe Microscopy (E.Meyer) 4u				(5) Biointerfacing materials (C. Palivan) 2u			(4) Methods in Nanobiology (R.Lim) 6u				(5) Biointerfacing materials (C. Palivan) 1u				
		(13) Nanochemistry (M. Mayor) 1u				(13) Nanochemistry (M. Mayor) 1u			(32) Measurement Control and Acquisition (M.Poggio) 4u				(10)Nanoscopic imaging and analysis (M. Wyss) 9u				
		(3.1) Semiconductor Nanofabrication Course (D. Zumbühl) 3u				(21) Engineering protein-hosts for transition metal catalysts (T.Ward) 1u											(22) Intensivkurs PSI Neutron scattering in solid state physics (M. Kenzelmann, L. Keller) 4u
		(2.2) Spectroscopy of Phonons (Ilaria Zardo) 3u				(27) Ultracold Ions (S.Willitsch) 2u			(12) Atomistische Simulationen (M. Meuwly) 2u				(14) Colloidal nanocrystals (De Roo) 1u				
		(14) Colloidal nanocrystals (De Roo) 1u				(35) Integrative Structural Biology with NMR spectroscopy (S. Hiller) 2u			(33) Chemical Modification (V.Köhler/M.Mayor) 1u								
(39) Cryo-EM (H. Stahlberg) 2u						(11) Nanostructuring / Coating by Plasma (L.Marot) 3u			(20) Quantum optics and atomic physics (Ph.Treutlein) 3u				(38) Biophysics of bacterial biofilm communities (K. Drescher) 1u				
						(41) Theory of neural networks (J. Agnes/ F. Donato) 1u			(3.2) Quantum transport experiments Cryo-Lab Measurement Course (D. Zumbühl) 3u								(26) µSR spectroscopy (T. Prokscha 4u)
						(29) Exploring how the fly brain dynamically controls sleep /wake states (A. Kempf) 1u							(43) Supercurrent measurements (A. Hofmann) 3u				
(16) PSI (Intensivkurs) oder (15) Nanolab (Jung) max. 6u Termin nach persönlicher Vereinbarung																	

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

Total FS: 101