# Course Overview

## Graduate Week 2022

**Time Course** Monday, 21 FEB Tuesday, 22 FEB Wednesday, 23 FEB Thursday, 24 FEB

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Monday, 21 FEB</th>
<th>Tuesday, 22 FEB</th>
<th>Wednesday, 23 FEB</th>
<th>Thursday, 24 FEB</th>
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<tbody>
<tr>
<td>09:00 – 10:30</td>
<td>/ A1 Introductory course Particle &amp; Astroparticle Physics</td>
<td>Gregor Kasieczka, Universität Hamburg “Machine learning in Particle Physics”</td>
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<tr>
<td>10:30 – 11:00</td>
<td>/ A2 Introductory course Nanoscience</td>
<td>Irene Fernandez-Cuesta, Universität Hamburg “Nanofabrication techniques”</td>
<td>Helmut Schiff, Paul Scherrer Institute “Nanoimprint and 3D lithography”</td>
<td>Stephan Sylvest Keller, Technical University of Denmark “Carbon micro- and nanofabrication for health tech, life science and energy applications”</td>
<td>Dorota Koziej, Universität Hamburg “Nanodevices and X-ray nanoimaging”</td>
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<tr>
<td>11:00 – 12:30</td>
<td>/ B1 Introductory course Infection &amp; Structural Biology</td>
<td>Baris Tursun, Universität Hamburg “Cellular safeguarding in the context of Reprogramming and Aging I”</td>
<td>Baris Tursun, Universität Hamburg “Cellular safeguarding in the context of Reprogramming and Aging II”</td>
<td>Stefan Hoth, Universität Hamburg “Plant pathogen defense meets structural biology I”</td>
<td>Stefan Hoth, Universität Hamburg “Plant pathogen defense meets structural biology II”</td>
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**Morning sessions: Introductory courses**

**Coffee break**

**Lunch break**
Time | Course | Monday, 21 FEB | Tuesday, 22 FEB | Wednesday, 23 FEB | Thursday, 24 FEB
--- | --- | --- | --- | --- | ---
14:00 | / C1 Focus course Particle & Astroparticle Physics | Georg Weiglein, DESY | Sven Heinemeyer, IFT (UAM/CSIC), Madrid | Sven Heinemeyer, IFT (UAM/CSIC), Madrid | Georg Weiglein, DESY
| | “Window to New Physics via the Precision Frontier” | “Window to New Physics via the Precision Frontier” | “Window to New Physics via the Precision Frontier” | “Window to New Physics via the Precision Frontier”
15:30 | / C2 Focus course Photon Science | Karl K. Berggren, MIT, Cambridge | Karl K. Berggren, MIT, Cambridge | Daniela Rupp, ETH Zürich | Sebastian Trippel, DESY/Universität Hamburg
15:30 | / C3 Transferable skills | Alexander Britz | Alexander Britz | Maya Topf, HPI/UKE/ CSSB & Jan Kosinski, EMBL/CSSB | Holger Sondermann, DESY/CSSB
| moved to 28 February - 2 March 2022 | moved to 2 + 3 March 2022 | | |
15:30 | / C4 Transferable skills | Alexander Britz | Alexander Britz | Maya Topf, HPI/UKE/ CSSB & Jan Kosinski, EMBL/CSSB | Holger Sondermann, DESY/CSSB
| moved to 28 February - 2 March 2022 | moved to 2 + 3 March 2022 | | |
16:00 | / D1 Focus course Infection & Structural Biology | Jens Bosse, HPI/MHH / CSSB | Christian Löw, EMBL / CSSB | Holger Sondermann, DESY/CSSB | Maya Topf, HPI/UKE/ CSSB & Jan Kosinski, EMBL/CSSB
| | “How virus particles are assembled: Spatiotemporal orchestration of virus morphogenesis” | “Membrane protein structural biology” | “Structural and functional microbiology” | “Integrative Modeling”
16:00 | / D2 Focus course Nano Science | Irene Fernandez-Cuesta, Universität Hamburg | Victor Cadarso Busto, Monash University | Silvan Schmid, TU Vienna | Ivan Vartaniants, DESY/NRNU “MEPhI”
| | “Nanostructures and nanoimaging” | “Lab on a Chip” | “Nanodevices with resonators” | “Nanomaging with coherent X-Rays”
| Changed lecture time: 8 - 9:30 p.m. | |
17:30 | / D3 Transferable skills | Nicola Findeis | Nicola Findeis | Nicola Findeis | Nicola Findeis
| | “Project management for PhD students” | “Project management for PhD students” | “Project management for PhD students” | “Project management for PhD students”
| moved to 28 February + 1 March 2022 | moved 3 + 4 March 2022 | moved 3 + 4 March 2022 | moved 3 + 4 March 2022 | moved 3 + 4 March 2022
18:00 | / D4 Transferable skills | Nicola Findeis | Nicola Findeis | Nicola Findeis | Nicola Findeis
| | “Project management for PhD students” | “Project management for PhD students” | “Project management for PhD students” | “Project management for PhD students”
| moved to 28 February + 1 March 2022 | moved 3 + 4 March 2022 | moved 3 + 4 March 2022 | moved 3 + 4 March 2022 | moved 3 + 4 March 2022

End of event