### Course Overview

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Monday, 7 OCT</th>
<th>Tuesday, 8 OCT</th>
<th>Wednesday, 9 OCT</th>
<th>Thursday, 10 OCT</th>
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</table>
| 09:00 – 10:30 | / Course 1: Modern Detector and Accelerator Technologies  
SR I-III              | Andreas R. Maier, DESY  
High Power Lasers          | Ingrid Gregor, DESY / Rheinische Friedrich-Wilhelms-Universität Bonn  
Detector Technologies for High-Energy Physics | Heinz Graafsma, DESY  
Detective Technologies for Photon Science | Marc Wenskat, Universität Hamburg  
RF Cavities - Backbone of Modern Accelerators |
| 10:30 – 11:00 |                                                                 |                                                    |                                                  |                                                 |                                                 |
| 11:00 – 12:30  | / Course 1: Modern Detector and Accelerator Technologies  
SR I-III              | Andreas R. Maier, DESY  
High Power Lasers          | Ingrid Gregor, DESY / Rheinische Friedrich-Wilhelms-Universität Bonn  
Detector Technologies for High-Energy Physics | Heinz Graafsma, DESY  
Detective Technologies for Photon Science | Marc Wenskat, Universität Hamburg  
RF Cavities - Backbone of Modern Accelerators |
| 12:30 – 14:00 |                                                                 |                                                    |                                                  |                                                 |                                                 |
| 14:00 – 15:30  | / Course 2: Scientific Computing with Python  
SR I-III              | Wolfram Schmidt, Universität Hamburg  
Numerical Methods          | Wolfram Schmidt, Universität Hamburg  
Numerical Methods          | Hartmut Stadie, Universität Hamburg  
Statistical Methods and Data Analysis | Hartmut Stadie, Universität Hamburg  
Statistical Methods and Data Analysis |
| 15:30 – 16:00 |                                                                 |                                                    |                                                  |                                                 |                                                 |
| 16:00 – 17:30  | / Course 2: Scientific Computing with Python  
SR I-III              | Wolfram Schmidt, Universität Hamburg  
Numerical Methods          | Wolfram Schmidt, Universität Hamburg  
Numerical Methods          | Hartmut Stadie, Universität Hamburg  
Statistical Methods and Data Analysis | Hartmut Stadie, Universität Hamburg  
Statistical Methods and Data Analysis |
| 17:30 – 18:00 |                                                                 |                                                    |                                                  |                                                 |                                                 |

**Coffee break**

**Lunch break**

**Coffee break**

**Coffee break**
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<tr>
<td>18:00</td>
<td>/ Evenings</td>
<td>/ Scientific colloquium: Detlef Lohse, Max Planck Center Twente for Complex Fluid Dynamics, University of Twente</td>
<td>/ Industry talk: Murali Ganesa, PORSCHE DIGITAL</td>
<td>/ Poster session with barbecue</td>
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<td>20:00</td>
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<td>The physics of soft condensed matter</td>
<td>Data science at PORSCHE Digital</td>
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<td>SR I-III</td>
<td>SR I-III</td>
<td>CFEL foyer</td>
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**Additional sessions on 1 - 15 Oct**

**/ Skills course A**

Leadership Styles and Skills

Rob Thompson
SR IV | CFEL

**/ Skills course B**

Visualise your Science

Andreas Dahlin et al.
online /remote

**/ Skills course C**

Find a Career that Fits: Career counselling for doctoral researchers:

Annette Leemans
Room 4a, building 1b | DESY

**/ Skills course D**

Machine Learning with Python

Alexander Britz, Ilona Lipp

**End of event**