

Internal Workshop on Tailored Soft X-Ray Pulses

11.05.2016 – 12.05.2016

Wednesday, May 11

08h00 – 09h00 Registration & Welcome Coffee

09h00 **Welcome** (Hans-Heinrich Braun, PSI)

Session 1: Tailoring Scheme (Chair: Luc Patthey, PSI)

09h15 **The ATHOS Machine** (Romain Ganter, PSI)

09h45 **Novel Operating Modes for ATHOS** (Eduard Prat, PSI)

10h15 – 10h45 Coffee Break

10h45 **Operating Modes at FERMI** (Luca Giannessi, FERMI / Elettra)

11h15 **The CLARA Test Facility** (Neil Thompson, ASTeC / STFC)

11h45 **LCLS and LCLS-II operating modes** (Zhirong Huang, SLAC)

12h15 – 13h45 Lunch

Session 2: Advanced Experiments (Chair: Romain Ganter, PSI)

13h45 **Ultrafast Chemistry** (Alexander Föhlisch, HZB)

14h15 **Soft X-ray Spectroscopy at FLASH, LCLS and FERMI** (Wilfried Wurth, DESY)

14h45 **Non-linear X-ray Optics** (Martin Beye, HZB)

15h15 – 15h45 Coffee Break

15h45 **Coherent Optical Spectroscopy** (Peter Hamm, University of Zurich)

16h15 **Time-resolved research activity on magnetism performed at the Swiss Light Source**
(Valerio Scagnoli, PSI)

17h30 – 20h00 Dinner @ SwissFEL entrance hall

Thursday, May 12

08h30 – 09h00 Welcome Coffee

Session 3: Advanced Experiments and Facility Plans (Chair: Bruce Patterson, PSI)

09h00 **Soft X-ray Spectroscopy of correlated electron materials** (Steve Johnson, ETH Zurich)

09h30 **ATHOS Beamlines and Experimental Stations** (Luc Patthey, PSI)

10h00 – 10h30 Coffee Break

10h30 **Facility Plans at FERMI** (Filippo Bencivenga, Elettra)

11h00 **Facility Plans at LCLS-II** (William Schlotter, SLAC)

11h30 – 11h45 Short Break

Session 4: Structured Discussion (Chair: Rafael Abela, PSI)

11h45 **Discussion**

13h45 **Closing Remarks** (Rafael Abela, PSI)

14h00 End of Workshop