



Program:

Monday, 12 June 2023

8:00-8:30 Registration desk open
8:30-8:40 Introduction & Organization - Ludger Inhester (chair)
8:40-9:00 Welcome - Edgar Weckert (DESY Photon Science Director)
9:00-10:00 Fundamentals of X-ray Free-electron Lasers (1) - Luca Giannessi
10:00-11:00 Theory of X-ray Matter Interaction (1) - Nina Rohringer
11:00-11:30 Refreshment Break
11:30-12:30 Condensed Matter Physics (1) - David Reis
12:30-14:00 Lunch break
14:00-15:00 Matter in Extreme Conditions (1) - Emma McBride
15:00-16:00 Atomic and Molecular Physics with XFELs (1) - Jon Marangos
16:00-16:30 Refreshment Break
16:30-18:30 Mock proposal group work (kick-off with beam line scientist)
18:30-20:00 Poster Session and Welcome Reception

Tuesday, 13 June 2023

9:00-10:00 Atomic and Molecular Physics with XFELs (2) - Jon Marangos
10:00-11:00 Matter in Extreme Conditions (2) - Emma McBride
11:00-11:30 Refreshment break
11:30-12:30 Theory of X-ray Matter Interaction (2) - Nina Rohringer
12:30-14:00 Lunch break
14:00-15:00 Fundamentals of X-ray Free-Electron Lasers (2) - Luca Giannessi
15:00-16:00 Chemical Dynamics in Gas Phase (1) - Markus Gühr
16:00-16:30 Refreshment break
16:30-19:00 Mock proposal group work

Wednesday, 14 June 2023

9:00-10:00 Chemical Dynamics in Solution (1) - Camila Bacellar
10:00-11:00 Condensed Matter Physics (2) - David Reis
11:00-11:30 Refreshment break
11:30-12:30 Structural Biology (1) - Thomas Barends
12:30-14:00 Lunch break
14:00-15:00 Chemical Dynamics in Gas Phase (2) - Markus Gühr
15:00-16:30 Facility visits on DESY campus: FLASH Free-Electron Laser
16:30-17:00 Refreshment break
17:00-19:00 Mock proposal group work

Thursday, 15 June 2023

8:30-9:00 Bus travel to European XFEL (Buses leave 8:30 at CFEL sharp)
9:00-09:30 Welcome - Robert Feidenhans'l (Managing Director of European XFEL)
9:30-11:00 European XFEL Instrument presentation - Chris Milne, Richard Bean, Michael Meyer, Jörg Hallmann
11:00-11:30 Refreshment break
11:30-13:00 European XFEL site visit/Mock proposal group work
13:00-14:00 Lunch break
14:00-15:30 Mock proposal group work/European XFEL site visit
15:30-16:00 Refreshment break
16:00-20:00 Harbor boat trip and conference dinner (return to the hotel/guesthouse independently)

Friday, 16 June 2023

9:00-10:00 Structural Biology (2) - Thomas Barends
10:00-11:00 Chemical Dynamics in Solution (2) - Camila Bacellar
11:00-11:30 Refreshment break
11:30-12:30 Mock proposal group work
12:30-14:00 Lunch break
14:00-16:00 Proposal presentation
16:00-16:30 Prize Ceremony and Conclusion
16:30-20:00 Summer School BBQ

Notes:

Solid shoes are required for the site-visits at European XFEL on Thursday (no sandals)