3rd Workshop on Advanced FEL Techniques

Program

Thursday, September 22nd

Session 1: Overview Talks
09:00 - 09:15  Introduction
09:15 - 10:00  FEL developments - Simone Di Mitri, FERMI
10:00 - 10:45  An overview on FEL user applications - Intae Eom, PAL XFEL

10:45 - 11:00 Coffee break

Session 2: Short Pulses
11:00 - 11:30  Short pulse and two color production at EuXFEL - Andrei Trebushinin, EuXFEL
11:30 - 12:00  Femtosecond polarization modulation of FEL pulses - Primoz Rebernik, FERMI
12:00 - 12:30  Discussion

12:30 - 14:00 Lunch

Session 2: Short Pulses (cont’d)
14:00 - 14:30  Two color and short pulse modes at SwissFEL - Eduard Prat, SwissFEL
14:30 - 15:00  Attosecond coherent control and timing tool for 2-color photo-ionization - Kumar Praveen Maroju, Freiburg University

15:00 - 15:15 Coffee Break

15:15 - 15:45 Applications of "XLEAP" at the LCLS - Siqi Li, LCLS
15:45 - 16:45 Discussion

Session 3: Coherence and spectroscopy
16:45 - 17:15  An overview of XFEL oscillators and cavity based systems - Patrick Rauer, EuXFEL
17:15 – 17:45  Novel developments for seeded FELs - Georgia Paraskaki, DESY

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Session 3: Coherence and spectroscopy (cont’d)
09:00 - 09:30  Harmonic generation from seeded and self-seeded FELs - Shan Liu, EuXFEL and Giuseppe Penco, FERMI

09:30-09:45 Coffee break

09:45-10:15  Opportunity and challenges for RIXS with a MHz FEL - Benjamin van Kuiken, EuXFEL
10:15-10:45  Ghost spectroscopy and stochastic imaging applications - Sharon Shwartz, Bar-Ilan University
10:45-11:15  Two photon interference - Ichiro Inoue, RIKEN

11:15 – 12:15 Discussion
12:15-12:30 End of workshop