

“Advances in Free-electron Laser Science” - Workshop of the Peter Paul Ewald Fellows

11 - 13 October 2017, DESY, Hamburg - final agenda

Wed, 11 Oct. 17 DESY, FLASH seminar room

Start	End	Speaker	Title
12:30	14:00	-	Light Lunch - will take place in the kitchen and seminar room in bldg. 28k
14:00	14:05	Bischler	Welcome
14:05	14:35	Treusch	High Repetition Rate Free-Electron Lasers: From FLASH to XFEL
14:35	15:05	Gorkhover	X-ray holography in-flight
15:05	15:35	Rosnagel	Ultrafast dynamics of charge order and fluctuation
15:35	16:05	Schnorr	Pump-probe experiments on gas phase molecules
16:15	16:45		Coffee
16:45	17:15	Masciovecchio	Frontier research at FERMI
17:15	17:45	Fuchs	Nonlinear X-ray Optics
17:45	18:15	Salditt	Synaptic vesicles and proteoliposomes: FEL opportunities to understand structure, docking, and fusion
18:15	18:45	Wang	Diving into sparse-data tanks built for FEL imaging
19:00	-		Barbecue

Thu, 12 Oct. 17 DESY, FLASH seminar room

09:00	09:30	Schoenlein	LCLS Recent Developments, Science Opportunities and Plans for LCLS-II and LCLS-II-HE
09:30	10:00	Kubicek	Structural dynamics of transition metal complexes
10:00	10:30	Röhlsberger	Quantum Imaging with a Free-electron Laser
10:45	11:15		Coffee
11:15	11:45	Schropp	X-Ray Nano-Focusing at the European XFEL
11:45	12:15	Liu - cancelled	Diffraction optics for free-electron laser applications - cancelled
12:15	12:45	Seiboth	Aberration-corrected nanofocusing at X-ray free-electron lasers

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Thu, 12 Oct. 17 European XFEL, seminar room E1.173

12:45	13:00		Transfer to European XFEL
13:00	14:00		Lunch at European XFEL
14:00	14:30	Feidenhans'l	European XFEL - New Opportunities
14:30	14:40	Galler	FXE instrument overview
14:40	14:50	Mancuso	SPB/SFX instrument overview
14:50	15:00	Meyer	SQS instrument overview
15:00	15:10	Scherz	SCS instrument overview
15:10	15:20	Madsen	MID instrument overview
15:20	15:30	Zastrau	HED instrument overview
15:30	16:30		European XFEL site visit
16:30	17:00		Coffee at European XFEL
17:00	17:30	Ilchen	Approaching Ultrafast Dynamics in Chiral Systems
17:30	18:00	Le Guyader	State resolved ultrafast demagnetization in CoPd multilayers
18:30	22:00		Transfer to Restaurant for Dinner
22:00			Transfer to Hotel Mercure/DESY

Fri, 13 Oct. 17 DESY, FLASH seminar room

09:00	09:30	Patthey	New science opportunities by SwissFEL
09:30	10:00	Iwan	Femtosecond powder diffraction imaging of strong-field induced charge dynamics in MgO
10:00	10:30	Foglia	Probing excitons at FELs: broadband pump-probe and XUV wave mixing
10:45	11:15		Coffee
11:15	11:45	Li	Molecular physics using XFEL
11:45	12:15	Bari	Fragmentation dynamics of gas-phase biomolecules
12:15	12:45	Rödel	Investigating dense relativistic plasmas with x-ray free-electron lasers