

International Workshop on XFEL Diagnostics and Applications Programme

2010-02-10

Sunday, February 14th

Flights to Warsaw

from Hamburg via Frankfurt HAM 8:30 → FRA 9:45 + FRA 10:30 → WAW 12:15

from Frankfurt 7:50 → 9:25; 10:30 → 12:15; 11:55 → 13:30

from Zurich 7:15 → 9:10; 10:30 → 12:30

from Trieste via Munich TRS 6:40 → MUC 7:50 MUC 10:55 → WAW 12:25

14:30 bus departure from Warsaw Airport

15:00 departure from University, Hoża 69

19:00 arrival to Ryn

19:30 Dinner

Session I Introductory session

20:30 – 20:45	Grzegorz Wrochna	Opening and introduction
20:45 – 21:15	Massimo Altarelli	The European XFEL
21:15 – 21:45	Jacek Sekutowicz	Super-conducting Linear Accelerator for the European XFEL
21:45 – 22:30	Jacek Krzywiński	X-ray FEL generation and beam properties

Monday, February 15th

7:30 – 9:00 Breakfast

Session II Science applications I

9:00 – 9:45	Gerhard Ingold	Non-Equilibrium Dynamics Studied by Femtosecond Laser-Pump/X-Ray-Probe Diffraction
9:45 – 10:30	Wojciech Gawelda	Ultrafast Structural Dynamics at the European XFEL: XAS/XES techniques

10:30 – 10:50 Coffee break

Session III Diagnostics for x-ray FEL

10:50 – 11:20	Jan Grünert	European XFEL configuration & photon diagnostics requirements
11:20 – 11:50	Kai Tiedtke	Non-destructive Photon Diagnostics: Experience from FLASH
11:50 – 12:20	Marc Messerschmidt	Photon diagnostics at LCLS

12:20 – 13:30 Lunch

Session IV Spectral measurements

13:30 – 14:00	Ryszard Sobierajski	Multilayer optics for XFEL
14:00 – 14:30	Pavle Juranic	Photoelectron and ion spectroscopy
14:30 – 15:00	Makina Yabashi	Dispersive crystal spectrometers
15:00 – 15:30	A. Turianski	Refraction for hard x-rays

15:30 – 15:50 Coffee break

Session V Spatial coherence measurements

15:50 – 16:20	Gianluca Geloni	General considerations and Brownian motion techniques
16:20 – 16:50	Timm Weitkamp	Interferometry techniques
16:50 – 17:20	Anatoly Snigirev	X-ray coherence characterization using bilens interferometer"

17:20 – 17:50	Bernhard Flöter	Wavefront measurement
19:30 Dinner		
Tuesday, February 16th		
7:30 – 9:00 Breakfast		
Session VI Science applications II		
9:00 – 9:45	Sven Toleikis	High energy density experiments
9:45-10:30	Klaus Sokolowski-Tinten	Phase transitions
10:30 – 10:50 Coffee break		
Session VII Pulse duration and arrival measurements		
10:50 – 11:20	Marek Wieland	Considerations for cross- and auto-correlation techniques
11:20 – 11:50	Alexander Föhlisch	Cross-correlation techniques: solid state effects
11:50 – 12:20	Michael Meyer	Cross-correlation techniques: side band generation
12:20 – 12:50	Helmut Zacharias	Measurement of the temporal coherence at FLASH
12:50 – 14:00 Lunch		
Session VIII		
14:00- 14:10	Working group definition	
14:15 – 18:00	<u>WG's parallel sessions</u> WG I : Measurement of spatial profiles, wavefront, coherence WG II: Measurement of spectral properties WG III: Measurement of temporal properties <i>Coffee available during the sessions</i>	
19:00 Workshop Dinner		
Wednesday, February 17th		
7:30 – 9:00 Breakfast		
Session IX Science application III		
8:30 – 9:15	Beata Ziaja	Interaction with atoms, molecules and clusters
9:15 – 10:00	Andreas Scherz	XAFS experiment at SLAC
Session X Final		
10:00 – 10:30	WG's chairs	Presentation of working group findings
10:30 – 11:00		General discussion
11:00 – 11:10	Grzegorz Wrochna, Serguei Molodtsov	Closure of the Workshop
Snacks and coffee available during the sessions		
11:30 Bus departure		
16:00 Bus arrival to Warsaw Airport		
Flights from Warsaw		
to Frankfurt 18:20 → 20:10; 9:40 → 21:25		
to Hamburg 17:25 →19:00		

to Zurich 19:45 → 21:50

to Munich 17:00 →18:35; 19:05→20:45

to Trieste via Munich WAW19:05→MUC20:45 + MUC21:10 → TRS 22:20