

DESY PHOTON SCIENCE USERS' MEETING.



26 - 27 January 2023 - DESY Auditorium **DRAFT!**

Time zone: CET Europe/Hamburg

Monday, 23 January 2023 Users' Meeting - Workshops

9.00 – 18.00	Users' Meeting Workshops
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Tuesday, 24 January 2023 Users' Meeting - Workshops

9.00 – 18.00	Users' Meeting Workshops
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Wednesday, 25 January 2023 European XFEL Users' Meeting and Poster Session

10.00 – 17.00	European XFEL Users' Meeting
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17.00 – 20.00	Scientific POSTER Session – part 1 (FEL Science)
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Thursday, 26 January 2023 DESY Photon Science Users' Meeting - FLASH and FLASH 2020+

Chairs: N.N. (DESY)

9.00 – 9.10	Welcome - FLASH session	E. Weckert (DESY)
9.10 – 9.40	FLASH Strategy	M. Gühr (DESY)
9.40 – 10.10	Status FLASH2020+ project	L. Schaper (DESY)
10.10 – 10.40	<i>Coffee break</i>	

Chairs: N.N. (DESY)

10.40 – 11.10	Time- and channel-resolved inner-shell photoelectron spectroscopy	F. Allum (SLAC Stanford, USA)
11.10 – 11.40	Mixing laser- and x-ray-beams for probing the electronic structure of solids by non-linear spectroscopy	D. Schick (MBI Berlin)
11.40 – 12.10	Fragmentation dynamics of polycyclic aromatic hydrocarbons explored using ultrafast XUV-Vis and XUV-IR pump-probe spectroscopy	M. Schnell (DESY)
12.10 – 12.40	RIXS Measurements at FLASH	S. Chiuzbaian (Sorbonne Paris)
12.40 – 14.00	<i>Lunch</i>	

Joint Soft X-ray FEL Session		
		<i>Chairs: N.N. (EuXFEL)</i>
14.00 – 14.30	tba	D. Rolles (Kansas State University, USA)
	Exploring fundamental electron dynamics with attosecond X-ray pulses	M. Ilchen (DESY)
15.00 – 15.10	Report of the 'European synchrotron and FEL user organisation' (ESUO)	C. McGuinness, ESUO president, (Trinity College Dublin, Ireland) tbc
15.10 – 15.40	<i>Coffee break</i>	
		<i>Chairs: N.N. (DESY)</i>
15.40 – 16.10	The ultrafast interfacial movie-imaging electronic and structural dynamics at the space-time limit	K. Baumgärtner (Univ. Würzburg)
16.10 – 16.40	Transient absorption of warm dense matter created by and X-ray free electron laser	A. Benediktovitch (Uni. Hamburg)
17.00 – 20.00	Scientific POSTER Session - part 2 (SR Science)	

Friday, 27 January 2023
DESY Photon Science Users' Meeting 2023

Chairs: N.N. (DESY)

9.00 – 9.15	Welcome – PETRA III Session	H. Dosch (DESY)
9.15 – 9.45	Overview DESY Photon Science	E. Weckert (DESY)
9.45 – 10.15	PETRA III	C. Schroer (DESY)
10.15 – 10.45	<i>Coffee break</i>	
		<i>Chairs: N.N. (DESY)</i>
10.45 – 11.30	PETRA IV Upgrade Project	H. Reichert (DESY)
11.30 – 12.00	PETRA IV Beamline Portfolio	K. Bagschik (DESY)
12.00 – 12.15	<i>Report of the 'DESY Photon Science User Committee' (DPS-UC) – Results of the Election</i>	P. Müller-Buschbaum, DPS-UC Chair, (TU München)
12.15 – 12.25	<i>Research with Photons – Light for the Future: News from the KFS (Committee Research with Synchrotron Radiation)</i>	J.-D. Grunwaldt, KFS Chair, (KIT Karlsruhe)
12.25 – 13.30	<i>Lunch</i>	
		<i>Chairs: N.N. (DESY)</i>
13.30 – 14:00	Manipulation of host cells by infecting bacteria	A. Itzen (UHH, UKE)
14.00 – 14.30	The state of zinc in methanol synthesis over a Zn/ZnO/Cu(211) model catalyst	P. Amann (Stockholm University, Schweden)
14.30 – 15.00	Use of AI for synchrotron data analysis	T. Strohmam (DLR)
15.00 – 15.30	<i>DAPHNE</i>	B. Murphy (CAU)

Update: 21 Dec. 2022