



# European XFEL Users' Meeting 2022 | DESY Photon Science Users' Meeting 2022

## Thursday 27 January 2022

### DESY Photon Science Users' Meeting: FLASH and FLASH 2020+ (09:00 - 12:40)

time	[id] title	presenter
09:00	[14] Welcome - FLASH session	WECKERT, E.
09:10	[15] News from FLASH – a look back on the past year and towards upcoming developments	PLOENJES, E.
09:40	[16] Moving toward the new FLASH2020+ facility	SCHAPER, L.
10:10	Coffee break	
10:40	[17] Direct observation of charge separation in an organic light harvesting system by femtosecond time-resolved XPS	ROTH, F.
11:10	[18] Transient depth magnetic profiling thanks to time-resolved soft x-ray resonant magnetic reflectivity	JAL, E.
11:40	[19] Non-linear X-ray spectroscopy on solids	BEYE, M.
12:10	[20] Photo-electron resolved data streams in multidimensional momentum microscopy at FLASH	AGUSTSSON, S. Y.

# Friday 28 January 2022

## **DESY Photon Science Users' Meeting: DESY Photon Science (09:00 - 10:15)**

time	[id] title	presenter
09:00	[27] Welcome	DOSCH, H.
09:15	[28] Overview DESY Photon Science	WECKERT, E.
09:45	[29] PETRA III	SEECK, O.

## **DESY Photon Science Users' Meeting: PETRA III/ PETRA IV (10:45 - 15:30)**

time	[id] title	presenter
10:45	[30] PETRA IV Upgrade Project: Status of Technical Design and Beamline Portfolio	SCHROER, Chr.
11:30	[31] X-ray methods bridge the molecular and macro length scales in colloidal nanoscience	KOZIEJ, D.
12:00	[32] Report of the 'DESY Photon Science User Committee' (DPS-UC)	MÜLLER-BUSCHBAUM, P.
12:15	Break	
13:30	[33] Investigation of pH-responsiveness inside lipid nanoparticles for parenteral mRNA application using small-angle X-ray scattering (Part 1)	LANGGUTH, P.
13:45	[37] Investigation of pH-responsiveness inside lipid nanoparticles for parenteral mRNA application using small-angle X-ray scattering (Part 2)	HAAS, H.
14:00	[34] High-sensitivity quantitative X-ray phase-contrast imaging for biomedical applications	HERZEN, J.
14:30	[35] Studying the fragmentation of polymerization catalyst particles by X-ray nanotomography	MEIRER, F.
15:00	[36] In Situ and Operando Scattering Studies on Perovskite Solar Cells	MÜLLER-BUSCHBAUM, P.