



# European XFEL Users' Meeting 2021 | DESY Photon Science Users' Meeting 2021

## Tuesday, 19 January 2021

### SAXS/WAS/GISAXS (13:00 - 13:10)

time	[id] title	presenter
13:00	[29] SAXS @ DESY – overview and future and PETRA IV	ROTH, Stephan

### SAXS/WAS/GISAXS: Material and Bioscience (13:10 - 15:10)

time	[id] title	presenter
13:10	[31] Current status of P62	Dr HAAS, Sylvio
13:25	[32] P12 update	BLANCHET, Clement
13:40	[33] Analyzing Cross-Sections of Nanocellulose with SAXS/WAXS using Quantized Polydispersity of Elementary Microfibrils	ROSEN, Thomas
13:55	[34] In-situ and In-operando characterization of Additive Fabrication Processes as revealed by Small and Wide Angle X-ray Scattering using Synchrotron Radiation	EZQUERRA, Tiberio
14:10	[35] Structure of biomimetic membranes at air-water interfaces obtained by GISAXS	SHEN, Chen
14:25	[36] Utilising SAXS and computational fluid dynamics to develop a numerical microscope	LUNDELL, Frederik
14:40	Coffee break	

### SAXS/WAS/GISAXS: Inorganic/organic interfaces (15:10 - 16:40)

-Conveners: Matthias Schwartzkopf

time	[id] title	presenter
15:10	[37] P08 – status and highlights	BERTRAM, Florian
15:25	[38] In-situ investigation of sputter deposition electrodes on different layers based on non-fullerene organic solar cell	JIANG, Xinyu
15:40	[39] Nucleation and Growth of PbBrF Crystals at the Liquid Mercury–Electrolyte Interface Studied by Operando X-ray Scattering	MURPHY, Bridget
15:55	[40] Monitoring nanostructural transformations during gold sputtering onto zwitterionic thin polymer films	VAGIAS, Apostolos
16:10	Coffee break	

### SAXS/WAS/GISAXS: Solar cells - in situ and operando studies (16:40 - 18:10)

-Conveners: Sylvio Haas

time	[id] title	presenter
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16:40	[41] P03 – current status and future perspectives	SCHWARTZKOPF, Matthias
16:55	[42] The nanofocus end station at P03.	DAVYDOK, Anton
17:10	[43] In situ GIWAXS measurements of 2-step slot-die coated MAPbI <sub>3</sub> thin-film formation for PV application	SCHEEL, Manuel
17:25	[44] Structure degradation of quantum dot solids for solar cells	CHEN, Wei
17:40	[45] In-situ and in-operando scattering studies on polymer based organic solar cells	MÜLLER-BUSCHBAUM, Peter
17:55	[46] The Interface between Water–Solvent Mixtures and a Hydrophobic Surface	PRIHODA, Annemarie

**SAXS/WAS/GISAXS: General discussion round (18:10 - 18:30)**

**-Conveners: Stephan Roth**