

Scheduled Experiments – Cycle 201801

August-October 2018

No.	Title	Main Proposer / Principal Investigator	Instrument
2092	Femtosecond X-ray solution scattering on the reaction dynamics of bromoform in natural environment	Q. Kong	FXE SASE1
2099	Tracking electronic response during a pressure-induced phase transition in nanocrystals	L. Young	FXE SASE1
2100	Multiscale investigation of light-induced structural transitions of visual rhodopsin: A time-resolved solution scattering study	M. F Brown	SPB/SFX SASE1
2108	MHz dynamics by means of speckle correlation and X-ray pump- X-ray probe experiments	F. Lehmkuhler / G. Grubel	SPB/SFX SASE1
2111	Revealing the Ultrafast Dynamics and Hidden Symmetries During Ion-Release from a Transition-Metal Complex	M. Meedom Nielsen	FXE SASE1
2112	Visualizing lattice dynamics and transient strain fields in semiconductor nanowires by means of ultrafast coherent X-ray diffraction	V. G. Dubrovskii	FXE SASE1
2114	Time-resolved structure determination of the adenine riboswitch RNA during a phase transition associated with a large conformation change upon ligand binding	J. R. Stagno / Y.-X. Wang	SPB/SFX SASE1
2116	Unravel the primary reactions in Photosynthesis by use of the unique pulse train structure of the European XFEL	P. Fromme	SPB/SFX SASE1
2118	Probing the liquid-liquid transition in supercooled Te	P. Sun / J. Hastings	FXE SASE1
2119	Structural Biology of Membrane Proteins at European XFEL	V. Gordeliy	SPB/SFX SASE1
2120	Pulse train sample damage in MHz Serial Femtosecond Crystallography	A. Barty	SPB/SFX SASE1
2143	Elucidating the mechanism of photoinduced polaron formation in inorganic and hybrid lead halide perovskite nanoparticles with combined ultrafast X-ray spectroscopy and anomalous X-ray scattering	K. Zheng / S. Canton	FXE SASE1