

Scheduled experiments - Run 202002

July - November 2020

No.	Title	Main Proposer / Principal Investigator	Instrument
2465/2715	Femtosecond time-resolved X-ray Emission Studies of the Structural and Electronic Dynamics in Coenzyme B12 and its Analogs	James E Penner-Hahn	FXE SASE1 (postponed from 202001)
2474/2713	Revealing the photoactive charge-transfer states in Nickel (II) aryl halide complexes with femtosecond hard X-rays	Sophie E Canton / Abigail G Doyle	FXE SASE1 (postponed from 202001)
2517/2710	Characterizing the Ionization Potential Depression in Dense Carbon Plasmas with High-Precision Spectrally Resolved X-ray Scattering	Dominik Kraus	HED SASE2 (postponed from 202001)
2458/2718	Probing non-equilibrium dynamics of proteins in solution with MHz-XPCS	Foivos Perakis / Fajun Zhang	MID SASE2 (postponed from 202001)
2616	Sub- μ s non-equilibrium dynamics of soft matter systems during X-ray induced phase transitions	Felix Lehmkuhler / Gerhard Grubel	MID SASE2
2589	Microscopic insight into ultrafast electronic and lattice excitations in a correlated oxide	Andrea Eschenlohr	SCS SASE3
2471/2719	Magnetic domain structure dilation and contraction induced by ultrafast optical pumping in CoFe/NiCu multilayers	Thomas Silva	SCS SASE3 (postponed from 202001)
2530	X-ray holography of ultrafast magnetism: femtosecond movies at the nanoscale	Stefano Bonetti	SCS SASE3 (postponed from 202001)
2599	Coherent magnon or phonon excitations in FePt nanoparticles	Hermann A. Dürr	SCS SASE3
2619	Ultrafast element selective electronic structure dynamics in photo-excited phase change material	Loïc Le Guyader	SCS SASE3
2442	Structural Biology of Bacterial Insecticides using SFX	Dominik Oberthür / Colin Berry	SPB/SFX SASE1 (postponed from 202001)
2645	Structural dynamics and mechanism of covalent bond formation	Przemek Nogly	SPB/SFX SASE1
2697	Structural studies of SARS-CoV-2 envelope (E) protein	Valentin Gordeliy / Brenda G. Hogue	SPB/SFX SASE1 (COVID-19 rapid access)
2470/2714	Imaging highly charged superfluid He nanodroplets	Andrey Vilesov	SQS SASE3 (postponed from 202001)
2620	Sequential core ionization-core excitation in water: dynamical aspects	Marc P. Simon / Maria Novella Piancastelli	SQS SASE3
2602	Nonlinear coincidence electron-ion Auger spectroscopy	Giuseppe Sansone / Alexei N. Grum-Grzhimailo	SQS SASE3