

**Scheduled experiments - Run 202101 (revised due to COVID-19 pandemic)**

**Mar-June 2021**

<b>ID</b>	<b>Title</b>	<b>Main Proposer / Principal Investigator</b>	<b>Instrument</b>
2478	Photophysics of the highly NIR luminescent molecular ruby revealed by ultrafast measurements at the XFEL	M. Bauer	FXE SASE1
2621	User community assisted commissioning of the UHI Laser at HED, impact of relativistic plasma environment on x-ray diagnostics	T. Toncian	HED SASE2
2586	Free electron degeneracy and collisional rates in solid density plasmas	G. O. Williams / M. Fajardo	HED SASE2
2534	Hard X-ray Induced Demagnetization in Ferrimagnetic DyCo Alloy Thin Films	L. Müller / G. Grübel	MID SASE2
2696	New structures to fight COVID-19 solved by liquid jet SFX at the European XFEL	T. Lane	SPB/SFX SASE1
2695	Time-resolved SFX of Covid-19 proteins including Mpro and PLpro	A. M. Orville	SPB/SFX SASE1
2827	Form factor determination of biological molecules with X-ray Free Electron Laser Small Angle Scattering (XFEL-SAS) to study the binding mechanism of neutralizing antibodies	C. Blanchet / D. I. Svergun	SPB/SFX SASE1
2448	Coulomb explosion imaging of ultrafast ring-conversion reactions	R. Boll / A. Rudenko	SQS SASE3
2535	Time-resolved photoelectron diffraction imaging of fixed-in-space formamide molecules	T. Jahnke	SQS SASE3