

S/N	Proposal No.	Performed Proposal Title	Project Leader	Affiliation	Country	Type of Proposal	Beamline	Performed Shift
1	2017A8005	Ultrafast Imaging of Structural Changes Induced by Photochemical Reaction in Iodine Containing Organic Molecules	Hironobu FUKUZAWA	Tohoku University	Japan	SACLA General Proposal (Non-proprietary)	BL1	7
2	2017A8006	Bioimaging by Pulsed Coherent X-Ray Solution Scattering	Yoshinori NISHINO	Hokkaido University	Japan	SACLA General Proposal (Non-proprietary)	BL2	5
3	2017A8008	Visualizing femtosecond X-ray damage processes via XFEL pump-harmonic XFEL probe scheme	Ichiro INOUE	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
4	2017A8012	Observation of yoked superfluorescence at EUV wavelengths following multi-photon excitation in helium	James Harries	National Institutes for Quantum and Radiological Science and Technology	Japan	SACLA General Proposal (Non-proprietary)	BL1	7
5	2017A8013	Molecular imaging by ultrafast photoelectron diffraction	Akira YAGISHITA	High Energy Accelerator Research Organization	Japan	SACLA General Proposal (Non-proprietary)	BL1	6
6	2017A8015	Spatiotemporal resolution in the three-dimensional structure analyses of biological cells by XFEL-CXDI	Masayoshi NAKASAKO	Keio University	Japan	SACLA General Proposal (Non-proprietary)	BL3	7
7	2017A8018	Development of versatile methods using time-resolved serial femtosecond crystallography	Eriko NANGO	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	3
8	2017A8019	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
9	2017A8020	Ultrafast structural dynamics of retinal isomerization in the proton pump bacteriorhodopsin	Joerg Standfuss	Paul Scherrer Institute	Switzerland	SACLA General Proposal (Non-proprietary)	BL3	3
10	2017A8021	Photo-induced quenching of magnetic order in the proposed Slater metal-insulator transition in NaOsO ₃	Valerio Scagnoli	ETH Zurich PSI	Switzerland	SACLA General Proposal (Non-proprietary)	BL3	5
11	2017A8022	Time-resolved Serial Femtoseconds Crystallography (TR-SFX) for Developing Optogenetics Tools	Osamu NUREKI	The University of Tokyo	Japan	SACLA General Proposal (Non-proprietary)	BL3	3
12	2017A8023	Self Referenced Coherent Diffractive Imaging of Solute-Solvent Interactions	James Glowina	SLAC National Accelerator Laboratory	USA	SACLA General Proposal (Non-proprietary)	BL3	5
13	2017A8024	Dislocation dynamics and carbon diffusion in steels using femto-second X-ray diffraction	Mitsuharu YONEMURA	NIPPON STEEL & SUMITOMO METAL CORPORATION	Japan	SACLA General Proposal (Non-proprietary)	BL3	3
14	2017A8025	Time-resolved EXAFS studies of reaction intermediates in CO ₂ reduction photocatalytic reaction using Ir complex	Takeshi MORIKAWA	TOYOTA CENTRAL R&D LABS., INC.	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
15	2017A8026	Challenging survey of Extreme Ultraviolet Lithography Using SXFEL Source	Hiroo KINOSHITA	University of Hyogo	Japan	SACLA General Proposal (Non-proprietary)	BL1	7
16	2017A8027	X-ray amplification with intense optical laser (3)	Yuichi INUBUSHI	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
17	2017A8028	Femtosecond X-ray protein nanocrystallography on the chloride pumping mechanism of light-driven transport by a new type of chloride ion pump	Mikako SHIROUZU	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	3
18	2017A8033	Development of large-numerical-aperture XFEL focusing system based on multilayer focusing mirrors and wavefront compensation technique	Kazuto YAMAUCHI	Osaka University	Japan	SACLA General Proposal (Non-proprietary)	BL3	7
19	2017A8034	Does anharmonicity enable ultrafast phase transitions?	Simon Wall	ICFO - The Institute of Photonic Sciences	Spain	SACLA General Proposal (Non-proprietary)	BL3	5
20	2017A8035	Structure determination of bovine heart cytochrome c oxidase at a reaction intermediate state by time-resolved SFX method	Shinya YOSHIKAWA	University of Hyogo	Japan	SACLA General Proposal (Non-proprietary)	BL3	2
21	2017A8037	Dynamical observation of thermal propagation using X-ray interferometric imaging	Akio YONEYAMA	Hitachi, Ltd.	Japan	SACLA General Proposal (Non-proprietary)	BL3	3
22	2017A8038	Nuclear Nonlinear Optics: A Narrowband Mossbauer source driven by broadband x-ray pulses.	Andreas Kaldun	SLAC National Accelerator Laboratory	USA	SACLA General Proposal (Non-proprietary)	BL3	5
23	2017A8040	Development of femtosecond crystallography and its utilization in bioenergetic analysis of enzyme.	Hideo AGO	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
24	2017A8041	Structural analysis of the intermediate states of photosystem II water-splitting reaction by pump-probe serial femtosecond crystallography	Jian-Ren SHEN	Okayama University	Japan	SACLA General Proposal (Non-proprietary)	BL3	8
25	2017A8042	Liquid mixing jet experiments using nanometer-sized protein crystals for time-resolved serial crystallography	Michihiro SUGAHARA	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	2
26	2017A8043	Observation of ultrafast reaction dynamics of triiodide and vibrational wave packet motion of diiodide photofragment in solution using femtosecond X-ray solution scattering	Hytcherl Ihee	Korea Advanced Institute of Science and Technology	Korea	SACLA General Proposal (Non-proprietary)	BL3	4
27	2017A8044	Selective observation of photo-excited states using valence-site-selective femtosecond time-resolved x-ray absorption spectroscopy	Tetsuo KATAYAMA	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal (Non-proprietary)	BL3	6
28	2017A8046	Experimental demonstration of hard x-ray coherent photonics	Hitoki YONEDA	The University of Electro-Communications	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
29	2017A8047	Visualization of catalytic reaction processes of nitric-oxide reductase using caged substrate - Application of time-resolved X-ray crystallography to slow dynamic processes of a protein to function-	Minoru KUBO	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	3
30	2017A8048	Study of dynamics at a surface of magnetic metal alloy by soft X-ray non-linear spectroscopy and polarization analysis	Iwao MATSUDA	The University of Tokyo	Japan	SACLA General Proposal (Non-proprietary)	BL1	7
31	2017A8050	Stochastic RIXS Spectroscopy of Transition Metal Complexes	Junko Yano	Lawrence Berkeley National Laboratory	USA	SACLA General Proposal (Non-proprietary)	BL3	5
32	2017A8053	Femtosecond time-resolved XAFS and emission spectroscopy study of photo-reactive Fe-containing protein with the arrival timing monitor system for detecting time-evolution of transient electronic and molecular structures	Shin-ichi ADACHI	High Energy Accelerator Research Organization	Japan	SACLA General Proposal (Non-proprietary)	BL3	4
33	2017A8054	Investigation of X-ray absorption spectroscopy in core-hole state	Kenji TAMASAKU	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL3	5
34	2017A8055	Time-Resolved SFX Studies to Understand CO ₂ -Binding and Activation in the enoyl-CoA carboxylase/reductase CCR	Hasan Demirci	Stanford University	USA	SACLA General Proposal (Non-proprietary)	BL3	2
35	2017A8058	Study on wavelength dependence of photocarriers in BiVO ₄ by ultrafast time-resolved x-ray absorption fine structure(XAFS)	Kiyotaka ASAKURA	Hokkaido University	Japan	SACLA General Proposal (Non-proprietary)	BL3	4
36	2017A8062	Study on high-pressure phase transition of carbon using compound targets: exploration of ultrahigh pressure polymorphs above 1 TPa	Norimasa OZAKI	Osaka University	Japan	SACLA General Proposal (Non-proprietary)	BL3	7
37	2017A8065	Exploring the cascade interatomic coulombic decay in multiple excited neon clusters	Kiyonobu NAGAYA	Kyoto University	Japan	SACLA General Proposal (Non-proprietary)	BL1	7
38	2017A8070	Dynamic observation of electronic structure of photodissociating iodomethane molecules by means of time-resolved electron spectroscopy using SX-FEL	Masaki OURA	RIKEN	Japan	SACLA General Proposal (Non-proprietary)	BL1	7
39	2017A8072	Enhancing time resolution for chemical dynamics experiments by in-situ X-ray arrival time measurements	Sebastian Schulz	European XFEL GmbH	Germany	SACLA General Proposal (Non-proprietary)	BL3	5
40	2017A8073	Femtosecond holography imaging with hard X-rays using split pulse technique	Wojciech Roseker	Deutsches Elektronen-Synchrotron	Germany	SACLA General Proposal (Non-proprietary)	BL3	3
41	2017A8077	Ultrafast magnetic dynamics by cross-gap resonant excitation of carriers in Sr3Ir2O7	Derek Meyers	Brookhaven National Laboratory	USA	SACLA General Proposal (Non-proprietary)	BL3	5
42	2017A8078	Femtosecond powder diffraction imaging of strong-field induced charge dynamics in MgO	Bianca Iwan	Stanford University, SLAC National Accelerator Laboratory	USA	SACLA General Proposal (Non-proprietary)	BL3	5
43	2017A8084	THE FIRST PICOSECONDS: Imaging the birth of acoustic phonons through pump-probe Bragg Coherent Diffraction	Ross Harder	Argonne National Laboratory	USA	SACLA General Proposal (Non-proprietary)	BL3	5