

S/N	Proposal No.	Performed Proposal Title	Project Leader	Affiliation	Country	Type of Proposal	Beamline	Performed Shift
1	2015A8001	Real time probing of ultrafast geometrical deformation of polyatomic molecules by gas X-ray diffraction	Kaoru YAMANOUCI	The University of Tokyo	Japan	SACLA General Proposal	BL3	5
2	2015A8003	SFX to unravel amyloid formation mechanism	Chavas Leonard	Deutsches Elektronen-Synchrotron DESY	Germany	SACLA General Proposal	BL3	3
3	2015A8007	Ultrafast Characterization of Charge Transfer Processes in Heteronuclear Transition Metal Complexes Using Simultaneous Multi-Element X-ray Emission Spectroscopy	Junko Yano	Lawrence Berkeley National Laboratory	USA	SACLA General Proposal	BL3	5
4	2015A8009	Observation of x-ray saturable absorption and its application	Yuichi INUBUSHI	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal	BL3	5
5	2015A8010	Coherent control of X-ray atomic lasers pumped by XFEL	Hitoki YONEDA	The University of Electro-Communications	Japan	SACLA General Proposal	BL3	5
6	2015A8016	Fundamental and systematic studies of dynamical vacuum space-charge effects on core-level photoemission spectrum by means of time-resolved hard x-ray photoelectron spectroscopy ~ Pump- and probe-power dependences and differences between materials property (such as metal, semiconductor, and insulator) ~	Masaki OURA	RIKEN	Japan	SACLA General Proposal	BL2	5
7	2015A8018	Improvement of coherent diffraction XAFS imaging method and its application for studies of chemical states distribution in catalyst particle.	Kiyofumi NITTA	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal	BL3	2
8	2015A8020	Development of Ultrafast Photoelectron Diffraction	Akira YAGISHITA	High Energy Accelerator Research Organization	Japan	SACLA General Proposal	BL3	5
9	2015A8021	Investigation of X-ray electromagnetically induced transparency	Kenji TAMASAKU	RIKEN	Japan	SACLA General Proposal	BL3	5
10	2015A8023	Iron alloys under extreme shock compression for planetary science	Marion Harmand	Centre National de la Recherche Scientifique	France	SACLA General Proposal	BL3	2
11	2015A8025	Serial Femtosecond Crystallographic Studies of Membrane Proteins for Bacterial Iron Acquisition	James Coulton	McGill University	Canada	SACLA Priority Strategy Proposal	BL3	3
12	2015A8026	A versatile carrier medium of protein microcrystals for serial femtosecond crystallography	Michihiro SUGAHARA	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	2
13	2015A8028	DNA conformations probed by Correlated X-ray Scattering (CXs)-Update	Sebastian Doniach	Stanford University	USA	SACLA Priority Strategy Proposal	BL3	4
14	2015A8029	Coherent Diffractive Imaging of metaphase human chromosomes during condensation	Ian Robinson	University College	UK	SACLA Priority Strategy Proposal	BL3	4
15	2015A8030	Radiation damage free high-resolution structure of a reaction intermediate of cytochrome c oxidase by the femtosecond crystallography	Shinya YOSHIKAWA	University of Hyogo	Japan	SACLA Priority Strategy Proposal	BL3	2
16	2015A8031	Structural Dynamics of Photosensitive Proteins by Time-Resolved Serial Crystallography	Martin Weik	Commissariat à l'Energie Atomique	France	SACLA Priority Strategy Proposal	BL3	4
17	2015A8033	Visualizing bond breaking and coherent vibrations of iodine bonds with femtosecond time-resolved WAXS	Sebastian Westenhoff	University of Gothenburg	Sweden	SACLA Priority Strategy Proposal	BL3	5
18	2015A8034	Direct observation of high-valent iron nitride catalyst formation with combined femtosecond X-ray spectroscopies and scattering	Wojciech Gawelda	European XFEL Facility	Germany	SACLA Priority Strategy Proposal	BL3	6
19	2015A8038	Probing hidden dynamics in water with ultrafast THz pump – Xray probe measurements	Anders Nilsson	Stockholm University	Sweden	SACLA Priority Strategy Proposal	BL3	6
20	2015A8039	Study on local structure distortion induced by ultrafast photoexcitation in photocatalyst WO3 and mechanism of photocatalysis	Kiyotaka ASAKURA	Hokkaido University	Japan	SACLA Priority Strategy Proposal	BL3	5
21	2015A8047	Structural dynamics of bacteriorhodopsin using time-resolved serial femtosecond crystallography at SACLA.	Eriko NANGO	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	4
22	2015A8048	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
23	2015A8049	De novo protein crystal structure determination using SAD data with mercury derivative crystals at SACLA	Toru NAKATSU	Kyoto University	Japan	SACLA Priority Strategy Proposal	BL3	2
24	2015A8051	Three-dimensional structure analyses of non-crystalline particle through highly efficient XFEL-CXDI experiments at cryogenic temperature	Masayoshi NAKASAKO	Keio University	Japan	SACLA Priority Strategy Proposal	BL3	7
25	2015A8052	Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering	Yoshinori NISHINO	Hokkaido University	Japan	SACLA Priority Strategy Proposal	BL3	5
26	2015A8053	High-resolution crystal structure analysis of biological macromolecules free of radiation damage at a non-cryogenic temperature for the visualization of biological energy-conversion processes	Hideo AGO	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
27	2015A8055	Structural analysis of light-induced intermediate states of the water-splitting reaction of photosystem II	Jian-Ren SHEN	Okayama University	Japan	SACLA Priority Strategy Proposal	BL3	5
28	2015A8056	Visualizing charge transfer dynamics in ultrafast molecular dissociation and nanoplasma formation using two-color pump-probe measurements	Kiyoshi UEDA	Tohoku University	Japan	SACLA Priority Strategy Proposal	BL3	5
29	2015A8058	Direct observation of ultrafast molecular structural dynamics of Au(CN)2- probed by 10-femtosecond time-resolved X-ray solution scattering	Shin-ichi ADACHI	High Energy Accelerator Research Organization	Japan	SACLA Priority Strategy Proposal	BL3	5
30	2015A8060	Imaging of photo-induced structure dynamics by femto-second coherent x-ray diffraction	Ei-ichiro MATSUBARA	Kyoto University	Japan	SACLA Priority Strategy Proposal	BL3	5
31	2015A8062	Time-resolved XAFS spectroscopy of electron dynamics at the interface of photocatalyst	Toshinori SUZUKI	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
32	2015A8065	In-situ observation of high-pressure behavior silica under high strain-rate compression	Toshimori SEKINE	Hiroshima University	Japan	SACLA Priority Strategy Proposal	BL3	2
33	2015A8066	Experimental study on ultrafast ramp compression process and anomalous lattice dynamics	Norimasa OZAKI	Osaka University	Japan	SACLA Priority Strategy Proposal	BL3	6