

S/N	Proposal No.	Performed Proposal Title	Project Leader	Affiliation	Country	Type of Proposal	Beamline	Performed Shift
1	2015B8001	Investigation of interaction between intense X-rays and material	Kenji TAMASAKU	RIKEN	Japan	SACLA General Proposal	BL3	5
2	2015B8002	Cross-calibration of PALM detector with the temporal diagnostics of SACLA for measurement of the pulse length and arrival time of SACLA FEL pulses.	Pavle Juranic	Paul Scherrer Institut	Switzerland	SACLA General Proposal	BL3	5
3	2015B8003	Fundamental study of dynamical vacuum space-charge and mirror-image charge effects on core-level photoemission spectrum by means of time-resolved hard x-ray photoelectron spectroscopy	Masaki OURA	RIKEN	Japan	SACLA General Proposal	BL2	5
4	2015B8005	Measurement of femtosecond-scale time-evolution of ionization states generated with intense XFEL pulse	Yuichi INUBUSHI	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal	BL3	5
5	2015B8007	Search for new weakly interacting particles with strong pulse magnets	Toshio NAMBA	The University of Tokyo	Japan	SACLA General Proposal	BL3	5
6	2015B8009	Charge and structural dynamics of the metal-insulator transition in perovskite nickelates	Urs Staub	Paul Scherrer Institut	Switzerland	SACLA General Proposal	BL3	5
7	2015B8013	Sub-10-nm focusing of XFEL beam to realize peak intensity of 10^{22} W/cm ²	Kazuto YAMAUCHI	Osaka University	Japan	SACLA General Proposal	BL3	7
8	2015B8014	Melting kinetics of pure Iron and Iron alloys at extreme conditions for planetary inner cores	Marion Harmand	CNRS (Centre National de la Recherche Scientifique)	France	SACLA General Proposal	BL3	2
9	2015B8015	Oriental structure and dynamics in colloidal systems	Felix Lehmkuehler	Deutsches Elektronen-Synchrotron (DESY)	Germany	SACLA General Proposal	BL2	4
10	2015B8016	Spectral control of inner shell ionization x-ray lasers pumped by XFEL	Hitoki YONEDA	The University of Electro-Communications	Japan	SACLA General Proposal	BL3	5
11	2015B8018	Spin-structural dynamics probed by resonant X-ray magnetic diffraction using circularly polarized XFEL (II)	Motohiro SUZUKI	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal	BL3	5
12	2015B8023	Ultrafast control of the magnetic correlations in 5d iridates by stretching the Ir-O bond	Mark Dean	Brookhaven National Laboratory	USA	SACLA General Proposal	BL3	5
13	2015B8028	Determination of water ordering at room temperature in the drug-binding pore of the influenza M2 protein for high pH and low pH conditions	William DeGrado	University of California, San Francisco (UCSF)	USA	SACLA Priority Strategy Proposal	BL3	2
14	2015B8029	Serial femtosecond crystallography for one-micrometer crystals using carrier mediums of proteins	Michihiro SUGAHARA	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	2
15	2015B8031	In vivo live cell imaging at nano-scale resolution	Changyong Song	POSTECH	Korea	SACLA Priority Strategy Proposal	BL3	5
16	2015B8032	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
17	2015B8036	Tracking electronic correlations and structural changes during ultrafast photodissociation using femtosecond X-ray spectroscopy and scattering techniques	Wojciech Gawelda	European XFEL Facility	Germany	SACLA Priority Strategy Proposal	BL3	6
18	2015B8041	Phase-matched two-photon Compton scattering	David Reis	Stanford University/SLAC National Accelerator Laboratory	USA	SACLA Priority Strategy Proposal	BL3	5
19	2015B8042	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
20	2015B8043	Structural dynamics of the G protein-coupled receptor rhodopsin studied by pump-probe serial femtosecond crystallography.	Gebhard Schertler	Paul Scherrer Institut	Switzerland	SACLA Priority Strategy Proposal	BL3	4
21	2015B8044	Structural analysis of intermediate states of the water-splitting reaction of photosystem II by serial femtosecond crystallography	Jian-Ren SHEN	Okayama University	Japan	SACLA Priority Strategy Proposal	BL3	4
22	2015B8045	Using two-color double X-ray laser pulses for efficient de novo phasing by multiple anomalous dispersion (MAD) measurements of protein crystals	Thomas Barends	Max-Planck Institute for Medical Research	Germany	SACLA Priority Strategy Proposal	BL3	4
23	2015B8046	De novo protein crystal structure determination using SAD data with Se-Met derivative crystals at SACLA	Toru NAKATSU	Kyoto University	Japan	SACLA Priority Strategy Proposal	BL3	2
24	2015B8047	Serial femtosecond X-ray crystallography (SFX) of metalloproteins containing light-sensitive chemical structures	Eiichi MIZOHATA	Osaka University	Japan	SACLA Priority Strategy Proposal	BL3	2
25	2015B8048	SFX on in vivo grown protein crystals	Fumiaki YUMOTO	High Energy Accelerator Research Organization	Japan	SACLA Priority Strategy Proposal	BL3	2
26	2015B8049	Three-dimensional structure analyses of cells and cellular organelles through highly efficient XFEL-CXDI experiments at cryogenic temperature	Masayoshi NAKASAKO	Keio University	Japan	SACLA Priority Strategy Proposal	BL3	7
27	2015B8050	Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering	Yoshinori NISHINO	Hokkaido University	Japan	SACLA Priority Strategy Proposal	BL3	5
28	2015B8051	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
29	2015B8053	Serial Femtoseconds Crystallography (TR-SFX) for Developing Optogenetics Tools	Osamu NUREKI	The University of Tokyo	Japan	SACLA Priority Strategy Proposal	BL3	2
30	2015B8054	Structural dynamics of bacteriorhodopsin using time-resolved serial femtosecond crystallography at SACLA	Eriko NANGO	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	4
31	2015B8055	Revealing ultrafast dynamics of photodissociation of HgI ₂ in solution using femtosecond X-ray solution scattering	Shin-ichi ADACHI	High Energy Accelerator Research Organization	Japan	SACLA Priority Strategy Proposal	BL3	6
32	2015B8056	Femtosecond time-resolved X-ray diffraction study on the structural transition of the transition metal dicalchogenides	Takahiro SHIMOJIMA	The University of Tokyo	Japan	SACLA Priority Strategy Proposal	BL3	5
33	2015B8057	Visualization and tracking of ultra-fast reactions of molecules and nano-particles probed by femtosecond XFEL pulses	Kiyoshi UEDA	Tohoku University	Japan	SACLA Priority Strategy Proposal	BL3	5
34	2015B8060	Development of femtosecond hard X-ray photoelectron spectroscopy of aqueous solutions and application to photochemical reactions	Toshinori SUZUKI	Kyoto University	Japan	SACLA Priority Strategy Proposal	BL3	5
35	2015B8063	Demonstration of generation of multi-Mbar laser-driven high pressure and femtosecond and atomic level observation of metallic liquid silica	Norimasa OZAKI	Osaka University	Japan	SACLA Priority Strategy Proposal	BL3	5