

S/N	Proposal No.	Performed Proposal Title	Project Leader	Affiliation	Country	Type of Proposal	Beamline	Performed Shift
1	2014B8001	Determination of XFEL pulse widths by using a two-color two-photon absorption process	Eiji SHIGEMASA	National Institutes of Natural Science	Japan	SACLA General Proposal	BL3	5
2	2014B8002	Real-time probing of core-hole decay of atoms by pump-probe Auger electron spectroscopy	Yasumasa HIKOSAKA	Niigata University	Japan	SACLA General Proposal	BL3	4
3	2014B8009	Generation of core-hole atoms with intense XFEL pulses and its application	Yuichi INUBUSHI	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal	BL3	5
4	2014B8016	Time-resolved observation of martensitic transformation and grain refinement in engineering materials under laser shock	Yuji SANO	Toshiba Corporation	Japan	SACLA General Proposal	BL3	2
5	2014B8018	Ultrafast control of the magnetic Hamiltonian in 5d iridates	John Hill	Brookhaven National Laboratory	USA	SACLA General Proposal	BL3	5
6	2014B8019	Dynamical observation of valence transitions and fluctuations in heavy fermion systems by means of time-resolved hard x-ray photoemission spectroscopy	Masaharu MATSUNAMI	National Institutes of Natural Science	Japan	SACLA General Proposal	BL3	4
7	2014B8021	Spin-structural dynamics probed by resonant X-ray magnetic diffraction using circularly polarized XFEL	Motohiro SUZUKI	Japan Synchrotron Radiation Research Institute	Japan	SACLA General Proposal	BL3	4
8	2014B8022	Development of Ultrafast Photoelectron Diffraction	Akira YAGISHITA	High Energy Accelerator Research Organization	Japan	SACLA General Proposal	BL3	5
9	2014B8024	Controlling materials using radiation pressure of an X-ray vortex beam	Yoshiki KOHMURA	RIKEN	Japan	SACLA General Proposal	BL3	3
10	2014B8025	Multi-photon coherent nuclear resonance excitations	Aleksander Chumakov	European Synchrotron Radiation Facility	France	SACLA General Proposal	BL3	6
11	2014B8026	Investigation of X-ray stimulated process	Kenji TAMASAKU	RIKEN	Japan	SACLA General Proposal	BL3	5
12	2014B8028	Search for photon-photon scattering using XFEL	Toshio NAMBA	The University of Tokyo	Japan	SACLA General Proposal	BL3	5
13	2014B8039	Multi-wavelength X-ray spectroscopy applied to femtosecond electronic relaxation processes in photoexcited ZnO nanoparticles in solution	Christopher Milne	Paul Scherrer Institute	Switzerland	SACLA Priority Strategy Proposal	BL3	6
14	2014B8041	Femtosecond dynamic imaging of nano particles on irreversible phase transformations.	Changyoug Song	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
15	2014B8044	Ultrafast electron transfer in photocatalyst for visible-light-induced water splitting and its photocatalysis mechanism	Kiyotaka ASAKURA	Hokkaido University	Japan	SACLA Priority Strategy Proposal	BL3	5
16	2014B8045	Elucidating the role of nanocrystalline inclusions on phonon scattering in composite materials	Jesse Clark	Stanford University	USA	SACLA Priority Strategy Proposal	BL3	6
17	2014B8048	Structural analysis of intermediate states of the water-splitting reaction of photosystem II by serial femtosecond nano-crystallography	Jian-Ren Shen	Okayama University	Japan	SACLA Priority Strategy Proposal	BL3	2
18	2014B8049	Selenomethionine based de novo phasing of protein structures at SACLA	Lutz Foucar	Max Planck Institute for Medical Research	Germany	SACLA Priority Strategy Proposal	BL3	3
19	2014B8050	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	6
20	2014B8051	Structural dynamics of bacteriorhodopsin using time-resolved serial femtosecond crystallography at SACLA.	Eriko NANGO	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	4
21	2014B8052	High throughput cryo-CDI experiment and structure analysis for biological non-crystalline particles	Masayoshi NAKASAKO	Keio University	Japan	SACLA Priority Strategy Proposal	BL3	7
22	2014B8053	Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering	Yoshinori NISHINO	Hokkaido University	Japan	SACLA Priority Strategy Proposal	BL3	5
23	2014B8055	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	7
24	2014B8057	Visualizing molecular dissociation, isomerization, charge transfer and nanoplasma dynamics	Kiyoshi UEDA	Tohoku University	Japan	SACLA Priority Strategy Proposal	BL3	6
25	2014B8061	Femtosecond dynamics of phase change in solid thin films by time-resolved X-ray spectroscopy	Muneaki HASE	University of Tsukuba	Japan	SACLA Priority Strategy Proposal	BL3	4
26	2014B8062	Photo-induced Lattice Deformation Dynamics by Femtosecond Time-resolved X-ray Diffraction	Ei-ichiro MATSUBARA	Kyoto University	Japan	SACLA Priority Strategy Proposal	BL3	5
27	2014B8063	Time-resolved spectroscopy of solution chemistry using SACLA	Toshinori SUZUKI	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
28	2014B8064	Dynamics of valence fluctuation in quantum critical YbAlB ₄ observed by time-resolved x-ray absorption spectroscopy	Hiroki WADACHI	The University of Tokyo	Japan	SACLA Priority Strategy Proposal	BL3	4
29	2014B8068	Understanding and development of ultrafast material dynamics under extreme shock conditions	Norimasa OZAKI	Osaka University	Japan	SACLA Priority Strategy Proposal	BL3	7