

S/N	Proposal No.	Performed Proposal Title	Project Leader	Affiliation	Country	Type of Proposal	Beamline	Performed Shift
1	2013B8002	Characterizing the Pulse Length of the SACLA FEL Beam with a THz Streak Camera	Pavle Juranic	Paul Scherrer Institute	Switzerland	General Proposal	BL3	7
2	2013B8009	Structure Refinement of F-actin and actin-myosin complexes using an X-ray Free Electron Laser and Correlated X-ray Scattering (CXS) at wide angles.	Sebastian Doniach	Stanford University	USA	General Proposal	BL3	5
3	2013B8014	Coherent Diffraction Imaging of Metal Nanocrystals at the Space-Time Limits	Jianwei Miao	University of California, Los Angeles	USA	General Proposal	BL3	4
4	2013B8017	Investigation of X-ray nonlinear Raman processes	Kenji TAMASAKU	RIKEN	Japan	General Proposal	BL3	5
5	2013B8020	Proof of Principle Experiment for X-ray Photonics with ultra-intense XFEL	Hitoki YONEDA	The University of Electro-Communications	Japan	General Proposal	BL3	5
6	2013B8022	Development of Ultrafast Photoelectron Diffraction	Akira YAGISHITA	High Energy Accelerator Research Organization	Japan	General Proposal	BL3	5
7	2013B8023	Electron-ion coincidence spectroscopy on atomic processes in intense X-ray FEL fields	Akiyoshi HISHIKAWA	Nagoya University	Japan	General Proposal	BL3	4
8	2013B8024	Real-time probing of core-hole decay by using laser-induced Auger side band	Yasumasa HIKOSAKA	Niigata University	Japan	General Proposal	BL3	3
9	2013B8025	Observation of X-ray two-photon absorption in an isolated atomic system	Eiji SHIGEMASA	National Institutes of Natural Sciences	Japan	General Proposal	BL3	5
10	2013B8029	Time-resolved observation of dynamic grain refinement and precipitation in metallic materials due to nanosecond laser shock	Yuji SANO	Toshiba Corporation	Japan	General Proposal	BL3	2
11	2013B8031	Study of interaction of intense laser with materials toward enhancement of XFEL	Yuichi INUBUSHI	Japan Synchrotron Radiation Research Institute	Japan	General Proposal	BL3	5
12	2013B8032	De novo structural determination of amyloidogenic protein segments and ordered intracellular inclusions.	David S. Eisenberg	University of California, Los Angeles	USA	Priority Strategy Proposal	BL3	2
13	2013B8034	In vivo cellular dynamic imaging at nano-scale resolution	Changyong Song	RIKEN	Japan	Priority Strategy Proposal	BL3	5
14	2013B8035	Two and three dimensional single particle imaging of reproducible bio-samples: a systematic study	Andrew Lee Aquila	European X-ray Free Election Laser	Germany	Priority Strategy Proposal	BL3	4
15	2013B8036	Ultrafast structural dynamics of heme protein in solution probed by femtosecond X-ray solution scattering	Hytcherl Ihee	Korea Advanced Institute of Science and Technology	Korea	Priority Strategy Proposal	BL3	4
16	2013B8044	High-resolution crystallography of drug-target membrane transporters using the X-ray free electron laser	Tatsuro SHIMAMURA	Kyoto University	Japan	Priority Strategy Proposal	BL3	2
17	2013B8045	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	Priority Strategy Proposal	BL3	8
18	2013B8046	Serial femtosecond crystallography of spheroid crystals produced in vivo	Chavas Leonard	Deutsches Elektronen-Synchrotron	Germany	Priority Strategy Proposal	BL3	2
19	2013B8049	Structure analyses of cellular organelles and fibrous materials with sub-micrometer dimensions by cryogenic coherent X-ray diffraction imaging using the KOTOBUKI-1 apparatus.	Masayoshi NAKASAKO	Keio University	Japan	Priority Strategy Proposal	BL3	6
20	2013B8050	Development of X-ray single particle analysis technique for structure determination of biological macromolecular assemblies using spherical particle	Atsushi NAKAGAWA	Osaka University	Japan	Priority Strategy Proposal	BL3	2
21	2013B8051	Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering	Yoshinori NISHINO	Hokkaido University	Japan	Priority Strategy Proposal	BL3	4
22	2013B8052	Radiation free protein X-ray crystallography for visualization of biological energy conversion processes	Hideo AGO	RIKEN	Japan	Priority Strategy Proposal	BL3	7
23	2013B8053	Observation of photo-induced structure transition by femto-second time-resolved X-ray diffraction	Ei-ichiro MATSUBARA	Kyoto University	Japan	Priority Strategy Proposal	BL3	6
24	2013B8056	Ultrafast lattice dynamics of phase change materials by femtosecond time-resolved X-ray diffraction spectroscopy	Muneaki HASE	University of Tsukuba	Japan	Priority Strategy Proposal	BL3	5
25	2013B8058	Dynamic imaging of molecular dissociation and charge transfer	Kiyoshi UEDA	Tohoku University	Japan	Priority Strategy Proposal	BL3	7
26	2013B8059	Ultrafast reaction dynamics of I <sup>3-</sup> and Au(CN) <sub>2</sub> <sup>-</sup> in solution probed by femtosecond X-ray solution scattering	Shin-ichi ADACHI	High Energy Accelerator Research Organization	Japan	Priority Strategy Proposal	BL3	3
27	2013B8062	Ultrafast XFEL-diffraction measurement of formation of metastable dense structures under femtosecond laser-driven shock compression	Tomokazu SANO	Osaka University	Japan	Priority Strategy Proposal	BL3	5
28	2013B8063	Understanding of anomalous lattice dynamics and creation of high-pressure phases transformation over 100 GPa	Norimasa OZAKI	Osaka University	Japan	Priority Strategy Proposal	BL3	5
29	2013B8067	Dynamical observation of transient electronic structure accompanying the photoinduced metal-insulator transition in vanadium dioxide film by means of time-resolved hard x-ray photoelectron spectroscopy	Masaki OURA	RIKEN	Japan	Priority Strategy Proposal	BL3	5
30	2013B8068	Time-resolved X-ray spectroscopy of liquids using SACLA	Toshinori SUZUKI	RIKEN	Japan	Priority Strategy Proposal	BL3	7