

S/N	Proposal No.	Performed Proposal Title	Project Leader	Affiliation	Country	Type of Proposal	Beamline	Performed Shift
1	2012B8002	Search for X-ray free-electron-laser-induced directional fluorescence	Eiji SHIGEMASA	National Institutes of Natural Sciences	Japan	General Proposal	BL3	4
2	2012B8003	Ultrafast manipulation of magnetism in antiferromagnetic in NiO probed by pump-probe magnetic x-ray diffraction	Urs Staub	Paul Scherrer Institut	Switzerland	General Proposal	BL3	6
3	2012B8004	Measurement of the nonresonant two-photon K-shell absorption in copper	Shambhu Ghimire	SLAC National Accelerator Lab	USA	General Proposal	BL3	6
4	2012B8006	Pulse duration measurement by X-ray multi-photon processes	Kerji TAMASAKU	RIKEN	Japan	General Proposal	BL3	8
5	2012B8010	Photoelectron-Photoion Spectroscopy of Atoms in Intense X-ray Laser Fields	Akiyoshi HISHIKAWA	Nagoya University	Japan	General Proposal	BL3	4
6	2012B8011	Time-resolved observation of dynamic aging of precipitation-hardened aluminum alloys by laser-induced shock	Yuji SANO	Toshiba Corporation	Japan	General Proposal	BL3	4
7	2012B8014	Development of new active nonlinear x-ray optical device with hollow-atom solid	Hitoki YONEDA	The University of Electro-Communications	Japan	General Proposal	BL3	4
8	2012B8015	In situ XFEL observation of the Earth and planetary constituents under laser-induced ultrahigh-pressure conditions (2)	Yoshinori TANGE	Ehime University	Japan	General Proposal	BL3	4
9	2012B8023	Nano-scale cellular dynamic imaging of nuclei	Changyong Song	RIKEN	Japan	Priority Strategy Proposal	BL3	8
10	2012B8024	Whole cell imaging of microbes: two model systems of spatial and temporal regulation of biological assemblies	Thomas Earnest	Shanghai Synchrotron Radiation Facility	China	Priority Strategy Proposal	BL3	4
11	2012B8027	3D Structural Determination of the Herpesvirus Capsid by Combining Coherent X-ray Diffraction Imaging and Cryo-Electron Microscopy	Jianwei Miao	University of California, Los Angeles	USA	Priority Strategy Proposal	BL3	8
12	2012B8029	Ultrafast structural dynamics of heme proteins in solution probed by femtosecond X-ray solution scattering	Hyotcherl Ihee	Korea Advanced Institute of Science and Technology	Korea	Priority Strategy Proposal	BL3	6
13	2012B8030	Femtosecond time-resolved Bragg coherent X-ray diffraction to study laser-induced structural change in thin film and nanometer sized inorganic crystals	Yoshihito TANAKA	RIKEN	Japan	Priority Strategy Proposal	BL3	6
14	2012B8031	XAFS analysis for light-induced excited state of supported vanadium oxide catalyst for activation of molecular oxygen	Tsunehiro TANAKA	Kyoto University	Japan	Priority Strategy Proposal	BL3	4
15	2012B8035	Development of X-ray diffraction apparatus of single particle using liquid beam as a target	Fumitaka MAFUNE	The University of Tokyo	Japan	Priority Strategy Proposal	BL3	2
16	2012B8036	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	Priority Strategy Proposal	BL3	4
17	2012B8037	Cryogenic CXDI experiments of non-crystalline particles using the KOTOBUKI diffractometer	Masayoshi NAKASAKO	Keio University	Japan	Priority Strategy Proposal	BL3	16
18	2012B8038	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
19	2012B8039	Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering	Yoshinori NISHINO	Hokkaido University	Japan	Priority Strategy Proposal	BL3	8
20	2012B8040	Radiation free protein X-ray crystallography for visualization of biological energy conversion processes.	Hideo AGO	RIKEN	Japan	Priority Strategy Proposal	BL3	8
21	2012B8041	Lattice dynamics of phase change materials by X-ray diffraction	Muneaki HASE	University of Tsukuba	Japan	Priority Strategy Proposal	BL3	4
22	2012B8043	Ultrafast reaction dynamics in solution probed by femtosecond X-ray solution scattering	Shin-ichi ADACHI	High Energy Accelerator Research Organization	Japan	Priority Strategy Proposal	BL3	6
23	2012B8044	Observation of photo-perturbation in photo-induced phase transition materials by femto-second time-resolved X-ray diffraction	Ei-ichiro MATSUBARA	Kyoto University	Japan	Priority Strategy Proposal	BL3	6
24	2012B8045	Spectroscopic study on atomic-level radiation damage by the intense X-ray pulse of SACLA: multiple ionization of iodine-substituted organic molecules and subsequent decay processes	Kiyoshi UEDA	Tohoku University	Japan	Priority Strategy Proposal	BL3	6
25	2012B8046	Control of high energy density plasma by nano-structured material for development of new matter in extreme condition	Kazuo TANAKA	Osaka University	Japan	Priority Strategy Proposal	BL3	4
26	2012B8048	XFEL ultrafast diagnostics of laser-driven shock induced formation of novel high-energy-density materials	Tomokazu SANO	Osaka University	Japan	Priority Strategy Proposal	BL3	6
27	2012B8049	Ultrafast Time-resolved X-ray Absorption Fine Structure Spectroscopy in solutions	Kazuhiko MISAWA	Tokyo University of Agriculture and Technology	Japan	Priority Strategy Proposal	BL3	6