

## Proposal List of Public Beamline Experiments in 1999B

Proosal No.	Project Leader	Title of Experiment	Beamline No.
1999B0057 -NX -np	KUBOZONO, Yoshihiro	Local structure around Eu atom for Eu@C <sub>60</sub> solid under ambient and high pressures	BL01B1
1999B0070 -CX -np	MURATA, Takatoshi	Local lattice structure of crystal thin film of alkali halides.	BL01B1
1999B0092 -CX -np	YASUKAWA, Katsumasa	XAFS study of Local Structure in PMN Based Thin Film Materials	BL01B1
1999B0099 -NX -np	NAKANO, Masashi	EXAFS on adsorption of Cs in Bentonite barrier of nuclear waste repositories	BL01B1
1999B0108 -CX -np	YAMAUCHI, Hisao	XAFS for Probing the Hole Distribution among the Different Layers in Superconducting Cuprates	BL01B1
1999B0154 -NX -np	MIYAZAKI, Tsuyoshi	Structural analyses of Cd(II) Surface Complex on Montmorillonite	BL01B1
1999B0184 -NX -np	TANIDA, Hajime	Solvation structure of iodide ion affected by the counter ions	BL01B1
1999B0202 -NX -np	ITO, Yoshiaki	[KM] double-electron excitation processes in a solid Xe under high pressure	BL01B1
1999B0208 -NX -np	SAKANE, Hideto	XAFS Structure Analysis of Triiodide Ion in Solutions	BL01B1
1999B0285 -CX -np	KASATANI, Hirofumi	Local Structure and Magnetic Property for Hard Magnetic Material Sm <sub>2</sub> Fe <sub>17</sub> N <sub>x</sub>	BL01B1
1999B0301 -NX -np	SHIMIZUGAWA, Yutaka	K-XAFS Study of rare earth ions doped in long-lasting phosphors	BL01B1
1999B0310 -NX -np	MATSUO, Jiro	XAFS study on ITO(Tin doped Indium Oxide) films	BL01B1
1999B0331 -NX -np	AKASAKA, Takeshi	Study on local structure around La atom in La <sub>2</sub> @C <sub>80</sub>	BL01B1
1999B0332 -NX -np	TANI, Katsuhiko	Phase-change mechanism of high-density optical recording material	BL01B1
1999B0348 -NX -np	KUROIWA, Yoshihiro	XANES and EXAFS Study on the CDW transitions in Molybdenum Oxides MonO(3n-1)	BL01B1
1999B0362 -NX -np	OKAMOTO, Yasuaki	Analysis of active site structure of Co-Mo/Pd-NaY sulfide catalysts by means of XAFS spectroscopy	BL01B1
1999B0380 -NX -np	TANAKA, Tsunehiro	In situ Structural Analysis of Model Complexes for Enzymatic Oxygenation	BL01B1
1999B0397 -CX -np	FUJIWARA, Yuji	Analysis of local structure and perpendicular magnetic anisotropy of GdCo and GdFe thin films	BL01B1
1999B0402 -NX -np	NISHIHATA, Yasuo	EXAFS study on the Debye-Waller factor of perovskite crystals	BL01B1
1999B0405 -NX -np	WATANABE, Iwao	Solvation structure of iodide ions adsorbed on the ion-exchange resin	BL01B1
1999B0428 -NX -np	NAKAGAWA, Takashi	Examination of short range order and phase state of CeO <sub>2</sub> -Gd <sub>2</sub> O <sub>3</sub> by XAFS measurement	BL01B1
1999B0157 -ND -np	TORIUMI, Koshiro	A Set-Up and a Performance Test of the Vacuum Type Low-Background X-ray Camera	BL02B1
1999B0182 -CD -np	IKEDA, Naoshi	Charge Sub-lattice Structure in LuFe <sub>2</sub> O <sub>4</sub>	BL02B1
1999B0198 -ND -np	WATANUKI, Tetsu	X-ray induced structural phase transition of La@C82	BL02B1
1999B0233 -ND -np	SASAKI, Satoshi	Study of the Verwey transition of magnetite by resonant x-ray critical scattering	BL02B1
1999B0263 -ND -np	SHIMOMURA, Susumu	X-ray Diffuse Scattering in Perovskite Manganese Oxides	BL02B1

1999B0270 -CD -np	TORAYA, Hideo	Crystal structure analysis of Mg <sub>2</sub> SiO <sub>4</sub> powder using high-energy and high-resolution x-ray beams	BL02B1
1999B0283 -CD -np	KASATANI, Hirofumi	Precise Crystal Structure Analysis of K <sub>3</sub> H(SO <sub>4</sub> ) <sub>2</sub> by High Energy X-ray Diffraction Method	BL02B1
1999B0309 -ND -np	MATSUO, Yoshie	X-ray study of phason strains in Al-Ni-Co and Al-Cu-Fe quasicrystals	BL02B1
1999B0312 -ND -np	WATANABE, Masashi	Low temperature superstructure in intramolecular hydrogen bonded materials X-HPLN(X=Me, Br)	BL02B1
1999B0314 -CD -np	NODA, Yukio	Lattice modulation and charge ordering associated with the spin ordering in CeP	BL02B1
1999B0315 -CM -np	NODA, Yukio	Development of accessories and apparatus at BL02B1-II	BL02B1
1999B0323 -ND -np	FUJII, Yasuhiko	Change and lattice state of NaV <sub>2</sub> O <sub>5</sub> under low-temperature and high pressure	BL02B1
1999B0347 -ND -np	KUROIWA, Yoshihiro	Structural Study on the CDW transitions in Molybdenum Oxides MonO(3n-1)	BL02B1
1999B0376 -CD -np	OKADA, Kazuyuki	Stress analysis of packaged Semiconductor Chips	BL02B1
1999B0387 -ND -np	NAGAI, Takaya	Crystal structure analysis of FeTiO <sub>3</sub> ilmenite under ultra high pressure	BL02B1
1999B0087 -ND -np	TAKATA, Masaki	The structural study of novel functional materials by using new Large Debye-Scherrer Camera at BL02B2	BL02B2
1999B0088 -ND -np	SAKATA, Makoto	Study of Structural Phase Transition of the Fullerene Compounds in the Electron Density Level by the Maximum Entropy Method	BL02B2
1999B0089 -ND -np	NISHIBORI, Eiji	Direct Observation of the Charge and/or Orbital-control in Layered-type Doped Manganites	BL02B2
1999B0269 -ND -np	TORAYA, Hideo	Intensity and angular resolution in powder diffraction at BL02B2 station	BL02B2
1999B0012 -ND -np	WANG, Yanbin	Equation of state and melting temperatures of iron at high pressures and temperatures	BL04B1
1999B0023 -ND -np	KATO, Takumi	Viscosity measurement of melt in the system Fe-FeS at high pressures	BL04B1
1999B0084 -ND -np	OHTAKA, Osamu	Melting and Phase Relations of Ca(OH) <sub>2</sub> under High Pressure and Temperature	BL04B1
1999B0090 -ND -np	UTSUMI, Wataru	In situ x-ray observation of hexagonal diamond formation under high pressures and temperatures	BL04B1
1999B0091 -CD -np	TAKEDA, Shin'ichi	Structure of Liquid IIIb-Te mixtures at high temperatures	BL04B1
1999B0156 -ND -np	SUZUKI, Akio	Viscosity of silicate melt in the system of diopside-jadeite at high pressure	BL04B1
1999B0177 -CD -np	FUNAKOSHI, Kenichi	Viscosity of basaltic melt at high-pressure	BL04B1
1999B0239 -CD -np	HIROSE, Kei	Determination of transition boundary between pyrope-garnet and perovskite plus corundum-A new pressure calibration point	BL04B1
1999B0255 -ND -np	KUBO, Tomoaki	Kinetics of the a-b transformation in Mg <sub>2</sub> SiO <sub>4</sub>	BL04B1
1999B0276 -ND -np	KATSURA, Tomoo	Re-determination of the phase boundary of post-spinel transition in Mg <sub>2</sub> SiO <sub>4</sub>	BL04B1
1999B0277 -ND -np	ITO, Eiji	Exploration of β Fe using sintered diamond anvils	BL04B1
1999B0305 -ND -np	TSUJI, Kazuhiko	Structure of liquid germanium and liquid silicon under high pressure.	BL04B1
1999B0359 -CD -np	INUI, Masanori	Structure of supercritical fluid selenium at high temperature and high pressure	BL04B1
1999B0360 -NM -np	TAMURA, Kozaburo	Research and development of a sapphire cell used for x-ray diffraction experiments of supercritical metallic fluids	BL04B1
1999B0408 -CD -np	ANDO, Jun-ichi	In-situ measurement of rheological behavior of Py50Mj50-garnets at high pressure and temperature	BL04B1

1999B0410 -ND -np	IRIFUNE, Tetsuo	Development of experimental technique for in situ X-ray diffraction observation at pressures beyond 30 GPa.	BL04B1
1999B0412 -ND -np	INOUE, Toru	Effect of H <sub>2</sub> O on the $\beta$ - $\gamma$ transformation in olivine	BL04B1
1999B0130 -ND -np	OZEKI, Tomoji	Single crystal X-ray structure analyses of micro crystals of small molecules using high energy X-rays and a cylindrical image plate	BL04B2
1999B0146 -ND -np	SUZUYA, Kentaro	Development of high-energy X-ray diffractometer for amorphous materials	BL04B2
1999B0148 -ND -np	KOHARA, Shinji	The development of containerless measurement for the high temperature fused melts by high energy x-ray diffraction.	BL04B2
1999B0191 -ND -np	OHISHI, Yasuo	High energy monochromatic x-ray crystallography under high-pressure	BL04B2
1999B0215 -ND -np	UMESAKI, Norimasa	Development of Structural Analysis Method for Molten Salts and Solutions by High-Energy X-ray Diffraction	BL04B2
1999B0358 -NM -np	TAMURA, Kozaburo	Small angle x-ray scattering experiments of supercritical metallic fluids	BL04B2
1999B0083 -ND -np	TANAKA, Yoshikazu	Separation of Magnetic moment of Single Crystal and Amorphous alloys of Ni <sub>50</sub> Gd <sub>50</sub> in Magnetic Compton Scattering	BL08W
1999B0164 -CS -np	SAKAI, Nobuhiko	The spin momentum distribution near critical temperature	BL08W
1999B0165 -ND -np	SAKAI, Nobuhiko	Measurement of magnetic Compton profile of ferro magnet Eu(Sr)O	BL08W
1999B0179 -NS -np	ITOU, Masayoshi	Spin-resolved Measurement of Recoil Electron on Compton Scattering	BL08W
1999B0180 -NS -np	ITOU, Masayoshi	Experimental Evaluation of Multiple Scattering on Compton Profiles	BL08W
1999B0222 -NOS -np	NAKAI, Izumi	Development and application of new X-ray fluorescence technique using high energy X-ray for archaeometric analysis of historical materials	BL08W
1999B0250 -ND -np	YANO, Kazuo	Separation of each sublattice magnetic moment of amorphous Fe <sub>100-x</sub> Y <sub>x</sub> (X=22,33) alloy by Magnetic Compton Scattering	BL08W
1999B0370 -ND -np	NANAO, Susumu	Magnetic Compton Scattering in DyCo <sub>5</sub>	BL08W
1999B0422 -NOS -np	YAMAHANA, Kyoko	The X-ray fluorescence analysis for archaeological samples	BL08W
1999B0429 -CS -np	NAKAI, Izumi	The elemental analysis of heavy atoms by high energy X-ray beam fluorescence analysis	BL08W
1999B0034 -CMD -np	KISHIMOTO, Shunji	Development of X-ray timing detectors using multi-element tAPDs	BL09XU
1999B0060 -ND -np	SETO, Makoto	Study on Magnetite by Using Site Specific Nuclear Resonance Inelastic Scattering	BL09XU
1999B0069 -ND -np	KAWADO, Seiji	Development of technique for characterizing silicon gate dielectric films using grazing incidence x-ray diffraction	BL09XU
1999B0185 -ND -np	KIKUTA, Seishi	Generation of idler soft X-rays using X-ray non-linear effect	BL09XU
1999B0188 -ND -np	YODA, Yoshitaka	Study of nuclear cascade scattering	BL09XU
1999B0230 -ND -np	ITO, Masatoki	Surface X-ray structure analysis of Cu-UPD on Pt(111) and Au(111) electrodes in 0.1M H <sub>2</sub> SO <sub>4</sub> solution.	BL09XU
1999B0231 -ND -np	YOSHIDA, Yutaka	In-beam Mossbauer study on the fast diffusion of Fe atoms and the gettering processes in Si crystals	BL09XU
1999B0273 -ND -np	TAKAHASHI, Toshio	Structure analysis of thin single crystal films of SiO <sub>2</sub> on Ni(111) and Si(001) surfaces	BL09XU
1999B0298 -ND -np	SETO, Makoto	Dynamics of Fe Cations in Nafion Membranes with Nuclear Resonant Quasielastic Scattering	BL09XU
1999B0353 -CD -np	SAITO, Akira	Structural analysis of the (Electrode / Solid State Electrolyte Zirconia) Interface by X-ray standing wave method	BL09XU

1999B0011 -NX -np	YAO, Makoto	X-ray Absorption Fine Structure of Selenium Free Clusters	BL10XU
1999B0048 -CD -np	KAWAMURA, Haruki	Powder X-ray diffraction of solid hydrogen	BL10XU
1999B0093 -ND -np	SHARMA, Surinder MOHAN	High Pressure x-ray diffraction from single wall carbon nanotubes bundles	BL10XU
1999B0107 -CD -np	AKAHAMA, Yuichi	Crystal Structure Analyses of Solid Oxygen High-Pressure Phases and Research for Molecular Dissociation	BL10XU
1999B0119 -ND -np	KOBAYASHI, Hisao	Structural Phase Transitions of iron sulfides under High Pressure	BL10XU
1999B0121 -ND -np	HAYASHI, Kouichi	Study on X-ray fluorescence holography using multi device SSD	BL10XU
1999B0132 -CD -np	HAMAYA, Nozomu	Search for crystal structure of $\text{SnI}_4$ showing anomaly of superconductivity at low temperature and high pressure	BL10XU
1999B0140 -NL -np	SHIRO, Yoshitsugu	Undulator gap scan EXAFS measurement of diluted biological samples	BL10XU
1999B0168 -NX -np	ISHII, Masashi	Development of the 'Capacitance-XAFS' method	BL10XU
1999B0172 -ND -np	KOYAMA, Ichiro	Structure Determination of High Pressure Phase of $\text{CaFeO}_3$	BL10XU
1999B0190 -CX -np	URUGA, Tomoya	Local Structural Analyses of Multilayers by Standing Wave XAFS Method	BL10XU
1999B0192 -ND -np	WATANUKI, Tetsu	Pressure effect on decagonal-type quasicrystal	BL10XU
1999B0194 -ND -np	ISHIMATSU, Naoki	Pressure variation of electron density distribution of CeP and CeSb	BL10XU
1999B0218 -NM -np	WATANUKI, Tetsu	Construction of the Laser-heated diamond anvil cell system	BL10XU
1999B0220 -NX -np	IZUMI, Yasuo	Study on Surface Active Sites of Copper and Cobalt Catalysts by Site-selective XAFS Utilizing Fluorescence Spectrometer	BL10XU
1999B0244 -ND -np	SHIROTANI, Ichimin	Pressure-induced phase transition of $\text{LnAs}$ ( $\text{Ln}=\text{lanthanide}$ ) with NaCl-type structure	BL10XU
1999B0320 -CD -np	NASU, Saburo	Structure Determination of High Pressure Phase of Hematite	BL10XU
1999B0327 -ND -np	ONODERA, Akifumi	Compression behavior of strongly correlated system at cryogenic temperature: cerium compounds.	BL10XU
1999B0356 -ND -np	YUSA, Hitoshi	Powder X-ray diffraction experiments of carbon nanotubes under high pressure	BL10XU
1999B0071 -ND -np	MATSUBARA, Ei-ichiro	Study of the Mechanism of Crystalline Growth in Electro-Deposited Cadmium Telluride by Total External X-ray Diffraction and Under-Potential Deposition Phenomena	BL14B1
1999B0227 -ND -np	NAGAI, Takaya	Kinetic study at the very early stage of the transition from quartz to coesite by time-resolved diffraction experiments.	BL14B1
1999B0304 -NM -np	TSUJI, Kazuhiko	Structural study of liquid silicon under pressure using angle-dispersive x-ray diffraction	BL14B1
1999B0381 -ND -np	AZUMA, Masaki	In-situ observation of the formation and the crystal growth of low dimensional quantum magnets stabilized at high pressure	BL14B1
1999B0082 -NM -np	TAKEUCHI, Akihisa	Production of X-ray Microbeam with a Grazing Incidence Mirror	BL20B2
1999B0101 -NL -np	UMETANI, Keiji	Development of micro-angiography system for observation and analysis of microcirculation	BL20B2
1999B0102 -NL -np	SUZUKI, Yoshio	Development of X-ray refraction-contrast imaging system	BL20B2
1999B0106 -NM -np	KOHMURA, Yoshiki	X-ray microscopy and X-ray interferometry using X-ray refractive lens)	BL20B2
1999B0112 -NOM -np	TSUCHIYAMA, Akira	A study of three-dimensional structures of chondrules by an XTM	BL20B2

1999B0141 -NL -np	YAGI, Naoto	Test of ultra-small angle scattering experiments using a medium-length beamline.	BL20B2
1999B0142 -NL -np	YAGI, Naoto	Development of medical CT apparatus using SPring-8	BL20B2
1999B0351 -NM -np	IIDA, Satoshi	Development of advanced topography at BL20B2	BL20B2
1999B0435 -UOD -np	NAKAI, Izumi	Development of X-ray fluorescence technique for analysis of large materials	BL20B2
1999B0036 -CS -np	OURA, Masaki	Feasibility study of the experimental apparatus for photoabsorption processes of multiply charged ions - III	BL23SU
1999B0037 -CS -np	YAMAOKA, Hitoshi	Experimental study of photoabsorption processes of Oxygen and Neon ions (II)	BL23SU
1999B0052 -CS -np	MIYAHARA, Tsuneaki	Study on magnetism of rare earth-3d transition metal alloys and compounds by comparison between large and small MCD signals	BL25SU
1999B0072 -NS -np	SODA, Kazuo	High-resolution X-ray photoelectron spectroscopy of the Fe-based $DO_3$ -related alloy	BL25SU
1999B0076 -NS -np	SEKIYAMA, Akira	High-resolution photoemission study of perovskite-type oxides $Sr_{1-x}Ca_xVO_3$	BL25SU
1999B0077 -NS -np	SEKIYAMA, Akira	Temperature dependence of high-resolution Ce 4f photoemission spectra of an antiferromagnet $CeRh_2Si_2$	BL25SU
1999B0104 -NS -np	OH, Se-Jung	3d Edge Resonance Photoelectron Spectroscopy Study of Cerium Kondo Compounds	BL25SU
1999B0160 -NM -np	SUGA, Shigemasa	Spin polarized photoemission and magnetic circular dichroism of photoemission	BL25SU
1999B0161 -NS -np	SUGA, Shigemasa	MCD of core absorption of Fe and Co 2p core states in intercalated 1T-TiS <sub>2</sub>	BL25SU
1999B0243 -NS -np	KATO, Takeshi	Magnetism of transition metals in transition metal - Pt alloy films and Mn-Co-Pt superlattices	BL25SU
1999B0245 -NS -np	DAIMON, Hiroshi	Electronic state analysis of 1T-TaS <sub>2</sub> & W(110) by two-dimensional circularly-polarized light	BL25SU
1999B0247 -COS -np	DAIMON, Hiroshi	Refinement of two-dimensional photoelectron spectrometer and preparation of the preparation chamber	BL25SU
1999B0248 -ND -np	DAIMON, Hiroshi	Spin analysis of (Fe, Cd, Sm)/W(110) by two-dimensional circularly-polarized light photoelectron diffraction	BL25SU
1999B0392 -NS -np	YOKOYA, Takayoshi	High energy-resolution photoemission study of $CeCoGe_{3-x}Si_x$ ( $0.0 \leq x \leq 3.0$ )	BL25SU
1999B0393 -NS -np	IMADA, Shin	Electronic states of frustrated systems Mo oxides probed by MCD and high energy photoemission spectra	BL25SU
1999B0394 -NS -np	IMADA, Shin	High-resolution resonant photoemission and MCD of $CeCo_{5-x}B_x$ ( $0 \leq x \leq 2$ )	BL25SU
1999B0396 -NM -np	IMADA, Shin	Epitaxial-film preparation chamber for MCD and test experiment	BL25SU
1999B0021 -NM -np	TANAKA, Takashi	Characterization of figure-8 undulator radiation	BL27SU
1999B0031 -CM -np	ISHIGURO, Eiji	Improvement of resolution of the soft X-ray grating monochromator	BL27SU
1999B0032 -CM -np	ISHIGURO, Eiji	Characterization of a focussing mirror system and its application to electronic materials	BL27SU
1999B0035 -NM -np	OURA, Masaki	Development of methods to determine the photon-beam axis of SR from Figure-8 undulator by means of inner-shell photoionization of rare gas	BL27SU
1999B0113 -COM -np	SHIMIZU, Masaru	Preparation and etching of oxide films	BL27SU
1999B0290 -NS -np	KOYANO, Inosuke	Formation and dissociation dynamics of multiply charged polyatomic species by inner-shell excitation of molecules	BL27SU
1999B0329 -NS -np	SUZUKI, Isao H.	Anisotropy in a resonant Auger electron from rare gas atoms and diatomic molecules	BL27SU

1999B0354 -NS -np	HIRAYA, Atsunari	Vibrational state dependence on core excited dissociation processes of diatomic and triatomic molecules	BL27SU
1999B0424 -COM -np	OKUYAMA, Masanori	Preparation and Etching of SiO <sub>2</sub> and Si <sub>3</sub> N <sub>4</sub> by using SR	BL27SU
1999B0425 -CM -np	OKUYAMA, Masanori	Construction of Soft X-ray CVD Experimental Station and Irradiation Effects to the Surface of Electrical Materials	BL27SU
1999B0330 -NM -np	CHIKAURA, Yoshinori	Construction and assessment of the BL28B2 topography experimental station	BL28B2
1999B0002 -NS -np	SAKURAI, Kenji	Advanced Spectrometer for Ultra trace Chemical Analysis by x-ray fluorescence (ASUCA project)	BL39XU
1999B0025 -ND -np	HASHIZUME, Hiroo	Analysis of magnetic structures at the Fe/Gd multilayer interfaces using the resonant diffuse scattering of circular polarized X-rays	BL39XU
1999B0053 -CS -np	MIZUKI, Jun'ichiro	Crystal Orientation Dependence of the Spin Polarization of Cu in Single Crystal Co/Cu Multilayers by MCD Method	BL39XU
1999B0058 -NL -np	MOTAMED EKTESSABI, Ali	Investigation of a single cell defense mechanism using in-vivo in-situ micro XRF imaging and micro XAFS	BL39XU
1999B0059 -NL -np	YOSHIDA, Sohei	Imaging and Chemical-state Analysis of Trace Elements Accumulated in Neurons of Patients with Neurodegenerative Disorders.	BL39XU
1999B0073 -CL -np	MOTAMED EKTESSABI, Ali	Investigation of metal ion distribution in a single cell using SR micro beam	BL39XU
1999B0122 -CD -np	HAYASHI, Kouichi	X-ray fluorescence holography of organic thin films	BL39XU
1999B0211 -CS -np	NAMIKAWA, Kazumichi	Study of Electronic States in 3d Transition-Metal Oxides by X-Ray Resonance Magnetic Scattering	BL39XU
1999B0221 -NOD -np	NAKAI, Izumi	Characterization of cosmic dusts and diamond inclusions by X-ray fluorescence and X-ray powder diffraction analyses	BL39XU
1999B0261 -ND -np	ITO, Masahisa	Spin and orbital magnetic moment of ferrimagnetic garnets Ho <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> at low temperatures and high magnetic field by X-ray magnetic diffraction	BL39XU
1999B0262 -NS -np	NAKAMURA, Tetsuya	XMCD of Rare-Earth as impurity elements contained in Nd-Fe-B thin films	BL39XU
1999B0266 -NM -np	HAYAKAWA, Shinjiro	Generation of a hard x-ray microbeam and its application to spectromicroscopy	BL39XU
1999B0267 -NX -np	HAYAKAWA, Shinjiro	Micro EXAFS measurements of Ni, Co, and Mn dissolved into synthetic diamonds	BL39XU
1999B0340 -NS -np	KOIZUMI, Akihisa	Element-specific magnetometry in amorphous R-Fe-Al (R: rare earth) by using XMCD measurement	BL39XU
1999B0384 -NX -np	MARUYAMA, Hiroshi	Spin Electronic States Associated with Critical Phenomenon - XMCD in High Temperature Region -	BL39XU
1999B0385 -NX -np	MARUYAMA, Hiroshi	Observation of Metamagnetic Transition by Helicity-Modulation XMCD under High-Magnetic Field	BL39XU
1999B0406 -CX -np	WATANABE, Iwao	Development of a polarized XAFS method for the solution surface	BL39XU
1999B0020 -NM -np	FUJISAWA, Tetsuro	Test Measurements of the Small Angle X-ray Scattering of Latex Particles for the Evaluation of BL40B2	BL40B2
1999B0047 -NL -np	INOUE, Katsuaki	Study on structural change of Prostaglandin D synthase with X-ray small angle scattering	BL40B2
1999B0126 -NL -np	MORIYAMA, Hideaki	Commissioning on Wide range Proteomics public Beamline	BL40B2
1999B0152 -NL -np	KATSUBE, Yukiteru	Application studies of Wide range public Beamline on Proteomics	BL40B2
1999B0171 -NL -np	IWAMOTO, Hiroyuki	Effect of energy of incident X-ray on the reflection intensities and radiation damage of muscle specimen.	BL40B2
1999B0219 -NL -np	INOKO, Yoji	Feasibility of SAXS/WAXS measurement using tunability and its application on supramolecule systems	BL40B2
1999B0229 -NL -np	HIRAI, Mitsuhiro	Structural phase behavior of condensed biopolymer solutions under magnetic field	BL40B2

1999B0293 -NL -np	NAMBA, Keiichi	Evaluation of a new beamline BL40B2 for its use in X-ray liber diffraction of highly well-oriented liquid crystalline samples such as bacterial flagellar filaments and F-actin	BL40B2
1999B0296 -NL -np	IMADA, Katsumi	Evaluation of Monochromatic Focused X-ray Beamline and verification of annealing effect on extremely thin protein crystals	BL40B2
1999B0345 -NL -np	ODA, Jyun'ichi	Structural analysis of $\gamma$ -flutamylcysteine synthetase from Escherichia coli B	BL40B2
1999B0004 -NL -np	HAKOSHIMA, Toshio	Crystallographic studies of DNA recognition by proteins: Pap1 and histone-like protein HU	BL41XU
1999B0005 -NL -np	KUROKI, Ryota	Crystal Structure Analysis of TPO-Fab complex	BL41XU
1999B0006 -NL -np	KUROKI, Ryota	Crystal Structure Analysis of PDZ2 domain of FAP-1	BL41XU
1999B0014 -NL -np	NISHIDA, Hirokazu	Crystallographic analyses of Halorhodopsin	BL41XU
1999B0028 -NL -np	HIGUCHI, Yoshiki	X-ray Structure Analysis of CO-bound [Ni-Fe]hydrogenase	BL41XU
1999B0044 -NL -np	SHIBATA, Naoki	Crystal structure analysis of Hmc by using anomalous dispersion	BL41XU
1999B0045 -NL -np	SHIBATA, Naoki	Synchrotron Radiation Study of cobalamin-dependant enzymes complexed with cobalamins	BL41XU
1999B0046 -CL -np	TANOKURA, Masaru	Protein crystallography of acid proteinase A from Aspergillus niger var. macrosporus and 40kDa calcium-binding protein from Physarum polycephalum	BL41XU
1999B0074 -NL -np	KAWAGUCHI, Shinichi	Crystallographic analysis of the protein with unknown function from Thermus thermophilus HB8	BL41XU
1999B0105 -CL -np	SHEN, Jian-Ren	Crystal Structure Analysis of Oxygen-Evolving Photosystem Complex	BL41XU
1999B0116 -NL -np	NUREKI, Osamu	Crystal Structure Analysis of human CD38 complexed with ganglioside	BL41XU
1999B0117 -NL -np	NUREKI, Osamu	Crystal Structure Analysis of AUH protein in complex with AU-rich element of interleukin-3mRNA	BL41XU
1999B0129 -NL -np	HIROTSU, Ken	X-ray Crystallographic Study of Histidinol Phosphate Aminotransferase	BL41XU
1999B0135 -NL -np	TSUGE, Hideaki	X-ray crystal structure analysis of cathepsin L inhibitor (CLIKs)-papain complex	BL41XU
1999B0145 -CL -np	SATOH, Kazuhiko	Structure analysis of Photosystem I reaction center complexes	BL41XU
1999B0150 -NL -np	TRAKHANOV, Sergei D.	Crystallography of Ribosomes, Ribosomal Subparticles and Ribosomal Components	BL41XU
1999B0153 -NL -np	SEKINE, Shun-ichi	X-ray crystallography of Thermus thermophilus glutamyl-tRNA synthetase complexed with the cognate tRNA	BL41XU
1999B0155 -CL -np	TOYOSHIMA, Chikashi	X-ray Crystallography of Ultra-thin Membrane Protein Crystals	BL41XU
1999B0200 -NL -np	KAMIYA, Nobuo	Improvement and Test for the MIROAS diffractometer	BL41XU
1999B0201 -NL -np	KAMIYA, Nobuo	Usefulness of X-ray CCD Detector for Protein Crystallography	BL41XU
1999B0204 -NL -np	OGATA, Kazuhiro	Structural study of methylated DNA recognition by MeCP2 in transcriptional repression	BL41XU
1999B0205 -NL -np	OGATA, Kazuhiro	Structural study of cooperative DNA recognition by CBF	BL41XU
1999B0206 -NL -np	INAGAKI, Fuyuhiko	Structural study on SH3 domain of Vav complexed with Grb2	BL41XU
1999B0210 -NL -np	KURISU, Genji	Structure analysis of an orthorhombic complex crystal between Ferredoxin and Ferredoxin-NADP+reductase	BL41XU
1999B0237 -NL -np	KOUYAMA, Tsutomu	Crystal Structure Analyses of Bacteriorhodopsin Mutant (D96N)	BL41XU

1999B0238 -NL -np	KOUYAMA, Tsutomu	X-ray crystallographic study of bacteriorhodopsin's reaction intermediates at low temperature	BL41XU
1999B0242 -CL -np	KATAYANAGI, Katsuo	The flexibility of protein molecule in terms of the crystallography of DHFR mutants.	BL41XU
1999B0249 -NL -np	MIKI, Kunio	High-Resolution Crystal Structure Analysis of Archaeal Rubisco Protein Having a New-type Architecture for Supramolecular Complex	BL41XU
1999B0254 -NL -np	YAO, Min	Structure analysis of 5S rRNA-binding protein L5 by MAD method	BL41XU
1999B0258 -NL -np	KOUYAMA, Tsutomu	X-ray crystallography of light harvesting chlorophyll a/b protein complex	BL41XU
1999B0264 -NL -np	NONAKA, Takamasa	Crystal structure analysis of bullfrog egg lectin at ultra-high resolution	BL41XU
1999B0279 -CL -np	TANAKA, Isao	Structural analysis of the horming-endonuclease <i>Apel</i> from hyperthermophilic archaeobacteria <i>Aeropyrum pernix</i> by X-ray crystallography	BL41XU
1999B0280 -NL -np	TANAKA, Isao	Structural analysis of the calcium binding protein MRP14 by X-ray crystallography	BL41XU
1999B0281 -NL -np	TANAKA, Isao	Crystal structure analysis of monomeric isocitrate dehydrogenase	BL41XU
1999B0282 -NL -np	YAO, Min	Analysis of reaction mechanism of ACC deaminase from bacteria <i>Pseudomonas</i> sp. by X-ray crystallography	BL41XU
1999B0294 -CL -np	NAMBA, Keiichi	Structure analysis of bacterial flagellar filament by X-ray fiber diffraction	BL41XU
1999B0295 -CL -np	IMADA, Katsumi	Protein Crystallographic studies of flagellar HAP2 and F41k fragment of flagellin	BL41XU
1999B0307 -NL -np	YAMAGATA, Yuriko	X-ray crystallography of <i>E. coli</i> enzyme that hydrolyzes 8-oxo-dGTP, a mutagenic substrate for DNA synthesis	BL41XU
1999B0338 -NL -np	NUREKI, Osamu	X-ray crystallography of <i>Pyrococcus horikoshii</i> LeuRS and in a complex with its cognate RNA	BL41XU
1999B0341 -CL -np	ODA, Toshiro	X-ray fiber diffraction from well oriented sols of F-actin and native thin filament	BL41XU
1999B0342 -NL -np	MIYAHARA, Ikuko	Substrate Recognition of Branched-chain Amino Acid Aminotransferase	BL41XU
1999B0343 -NL -np	MIYAHARA, Ikuko	X-ray Crystallographic Study of 4-Amino 4-Deoxychorismate Lyase from <i>E. coli</i>	BL41XU
1999B0382 -NL -np	YAMAGUCHI, Hiroshi	High resolution structure analysis of the amine oxidase D298K mutant which producing LTQ like cofactor	BL41XU
1999B0389 -CL -np	FUKUYAMA, Keiichi	X-ray crystallographic analysis of heme-heme oxygenase complex	BL41XU
1999B0401 -NL -np	KAKUTA, Yoshimitsu	X-ray Crystallographic Analysis of Ternary Complex of Human Heparan Sulfate Sulfotransferase-Substrate-Inactive Cofactor.	BL41XU
1999B0413 -NL -np	KAI, Ysushi	High Resolution X-ray Structure of Blue Nitrite Reductase with Concerted Movement upon Reduction	BL41XU
1999B0414 -NL -np	KAI, Ysushi	Structural analysis of archaeal intein endonuclease obtained from <i>polA</i> gene	BL41XU
1999B0415 -NL -np	KAI, Ysushi	Structural analysis of phosphorylated and dephosphorylated phosphoenolpyruvate carboxylase from Maize	BL41XU
1999B0419 -CL -np	KAMITORI, Shigehiro	Molecular and Crystal Structures of <i>Thermoactinomyces vulgaris</i> R-47 $\alpha$ -amylases (TVAI, TVAII)	BL41XU
1999B0019 -CL -np	SASAKI, Yuji	Dynamic Observation of Single Molecular Detection for Membrane Proteins	BL44B2
1999B0030 -NL -np	HIGUCHI, Yoshiki	Time-resolved X-ray Structure Analysis of the Dynamic Ligand Structure of [Ni-Fe] hydrogenase	BL44B2
1999B0039 -CL -np	MORIMOTO, Hideki	X-ray Crystallographic Analysis of the Structure Change of Hemoglobin	BL44B2
1999B0383 -NL -np	YAMAGUCHI, Hiroshi	Time resolved structure analysis of the early stage of topa-quinone biogenesis in copper amine oxidase	BL44B2



1999B0056 -NL -np	NAKASAKO, Masayoshi	X-ray small-angle scattering study for the quaternary structure of the glutamate dehydrogenase from hyperthermophile bacteria at high temperature	BL45XU
1999B0143 -NL -np	IWAMOTO, Hiroyuki	Static and dynamic X-ray diffraction study of the structural changes of myosin subfragment-1 diffuse into single skeletal muscle fibers.	BL45XU
1999B0144 -CL -np	IWAMOTO, Hiroyuki	Preliminary X-ray diffraction study of minute specimens derived from muscle	BL45XU
1999B0195 -NL -np	HARFORD, Jeffrey J.	Time-resolved Low-angle X-ray Scattering Studies of Fish muscle	BL45XU
1999B0212 -NL -np	SUGA, Hiroyuki	An X-ray diffraction study on rat right ventricular papillary muscles	BL45XU
1999B0234 -CL -np	TAKEMORI, Shigeru	X-ray diffraction study on skinned fibers in the absence of certain proteins.	BL45XU
1999B0241 -ND -np	TAKENAKA, Mikihiro	Study on dynamics of phase transition induced by pressure jump in block copolymers	BL45XU
1999B0349 -NL -np	KATAOKA, Mikio	Time-resolved X-ray diffraction experiments for the structural changes of the light driven proton pump, bacteriorhodopsin, during photocycle	BL45XU
1999B0391 -ND -np	OKAMOTO, Shigeru	Possible Mesophase at Phase Transitions in Polystyrene-block-Isoprene Block Copolymers by synchrotron Small-Angle X-ray Scattering	BL45XU
1999B0431 -NL -np	ASAI, Hiroshi	Higher-order structure of proteins in isolated giant spasmoneme and its changes on Ca-binding.	BL45XU
1999B0080 -CM -np	KAMIJO, Nagao	Fabrication and Focusing Test of High Energy X-ray Fresnel Zone Plate	BL47XU
1999B0103 -NM -np	SUZUKI, Yoshio	X-ray imaging microscopy with sputtered-sliced Fresnel zone plate	BL47XU
1999B0181 -NM -np	TSUCHIYAMA, Akira	Development of high spatial resolution X-ray CT system for rocks and minerals.	BL47XU
1999B0288 -CD -np	OHMASA, Masaaki	Development of micro-area X-ray diffraction method with the micro-pinhole	BL47XU