

## Proposal List of Public Beamline Experiments in 1999A

Proosal No.	Project Leader	Title of Experiment	Beamline No.
1999A0019 -NX -np	NODA, Yukio	Study of charge ordering of $MV_2O_5$ compound by XANES measurements	BL01B1
1999A0030 -NX -np	ICHIHASHI, Yuichi	XAFS study on the structure of Palladium or Platinum carbonyl complex	BL01B1
1999A0032 -NX -np	MATSUMURA, Yasuyuki	XAFS Studies of the Interaction between Pd and $CeO_2$ Ultrafine Particles.	BL01B1
1999A0046 -CX -np	NIWA, Miki	Analysis of Structure of Zeolite-Supported Pd Catalyst by XAFS	BL01B1
1999A0072 -NX -np	YASUKAWA, Katsumasa	XAFS Study of Local Structure in PMN Based Thin Film Materials	BL01B1
1999A0083 -CX -np	TANAKA, Tsunehiro	Evaluation of Energy Resolution of BL01B1 Using XANES Spectra of Various Metal Ions	BL01B1
1999A0125 -NX -np	KATAYAMA, Yoshinori	XAFS Study on Liquid Selenium under High Temperature and High Pressure	BL01B1
1999A0127 -NM -np	SATO, Kazumichi	A Feasibility Study of Silicon PN Photodiodes as X-ray Intensity Monitors for High Flux X-ray Beam and their Application to XAFS Experiments	BL01B1
1999A0158 -CX -np	MURATA, Takatoshi	Local lattice structure of crystal thin films of alkali halides	BL01B1
1999A0182 -NX -np	KIMURA, Hidekazu	XAFS Study on $(Ba,Sr)TiO_3$ Thin Film	BL01B1
1999A0187 -NX -np	NAKAYAMA, Takenori	XAFS Study of Role of Heavy Metals (Pb, etc.) on Formation of Corrosion Species of Structural Materials	BL01B1
1999A0221 -NX -np	KAGEYAMA, Hiroyuki	Temperature-dependent EXAFS study on a superionic-conducting halide glass based on AgI	BL01B1
1999A0226 -CX -np	SAKANE, Hideto	XAFS Study on the Local Structure Change around Silver in Zeolites	BL01B1
1999A0246 -CX -np	WATANABE, Iwao	Total Reflection XAFS of Aqueous Solution Surface	BL01B1
1999A0258 -NX -np	OHTA, Toshiaki	Exploitation of the Photon-modulated XAFS Spectroscopy	BL01B1
1999A0261 -NX -np	KURISU, Makio	Local Structure of Heusler-type Nitrides	BL01B1
1999A0281 -NX -np	MIYANAGA, Takafumi	Study on the Local Structure of Lanthanoid Complex by Ln K-edge EXAFS	BL01B1
1999A0287 -NX -np	KUBOTA, Takeshi	Local Structure Analysis of Loading Supported Ir Catalysts by Means of XAFS	BL01B1
1999A0300 -CX -np	KASATANI, Hirofumi	Local structure and magnetic property for hard magnetic material $Sm_2Fe_{17}N_x$	BL01B1
1999A0301 -NX -np	YANASE, Etsuya	XAFS Analysis of Corroded Metal Surface with Molten Salts by Conversion-Electron-Yield Method	BL01B1
1999A0304 -NX -np	TANI, Katsuhiko	Local structure analysis of amorphous Ag-In-Sb-Te system	BL01B1
1999A0308 -NX -np	UCHIMOTO, Yoshiharu	XAFS Study of the Local Structures in Mixed Conducting Oxides Having Fluorite-type Structure	BL01B1
1999A0309 -NX -np	ANPO, Masakazu	XAFS Studies on the Titanium Oxide-Based Photocatalysts Capable of Operating under Visible Light Irradiation Prepared by an Advanced Metal Ion-Implantation Method	BL01B1
1999A0326 -NX -np	NUMAKO, Chiya	Characterization of cadmium accumulated in the deep-sea organism	BL01B1
1999A0335 -NOM -np	TABUSHI, Kaysuyoshi	Energy characteristics of radiophotoluminescence glass dosimeter	BL01B1
1999A0338 -NX -np	EMURA, Shuichi	Energy correction and search of energy standards in the middle and high energy region	BL01B1

1999A0345 -CX -np	YAMAGUCHI,Hiroataka	Local Structure of Nd <sup>3+</sup> ion in Oxide Glasses Studied by EXAFS on the Nd K-edge	BL01B1
1999A0353 -CX -np	TAKAHASHI,Masao	Local structure around Eu for new red fluorescent material, (La <sub>1-x</sub> Eu <sub>x</sub> ) <sub>2</sub> O <sub>2</sub> CN <sub>2</sub> by both conversion	BL01B1
1999A0358 -NX -np	WAKITA,hisanobu	XAFS Analysis for Complex Formation of DOTA and Ce(III) Ions	BL01B1
1999A0364 -NX -np	TAKEMURA,Momoko	Local structure analysis of tantalum oxide capacitor films by K-shell and L-shell XAFS	BL01B1
1999A0382 -CX -np	NAKAI,Ikuo	Phase transformatio of Y-Ni system due ot the solid-state diffusion reaction	BL01B1
1999A0402 -BX -np	NIWA,Miki	Analysis of Structure of Zeolite-Supported Pd Catalyst by XAFS	BL01B1
1999A0406 -BX -np	HAGA,Koukichi	local structure of erbium doped glasses studied with XAFS measurements	BL01B1
1999A0413 -BUX -np	TAKAHASHI,Masao	Local structure around Eu for new red fluorescent material, (La <sub>1-x</sub> Eu <sub>x</sub> ) <sub>2</sub> O <sub>2</sub> CN <sub>2</sub> by both conversion	BL01B1
1999A0018 -NM -np	NODA,Yukio	Development of accessories and apparatus at BL02B1	BL02B1
1999A0067 -CD -np	KUROIWA,Yoshihiro	Precursor Phenomena on the First-Order Phase Transition in Ferroelastic Compounds	BL02B1
1999A0093 -CD -np	AKAHAMA,Yuichi	Single Crystal Analyses of $\epsilon$ High-Pressure Phase of Solid Oxygen	BL02B1
1999A0120 -ND -np	IKEDA,Naoshi	Charge Sublattice Structure of RFe <sub>2</sub> O <sub>4</sub>	BL02B1
1999A0169 -CD -np	OZAWA,Yoshiki	Development of Electronic Excited State Crystallography by Modulation Method with IP	BL02B1
1999A0196 -ND -np	KAI,Ysushi	X-ray Crystallographic Study of Small Crystal of TCNQ radical anion salt Complex	BL02B1
1999A0205 -ND -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
1999A0211 -CD -np	SAKON,Toshio	Precise Measurements of Lattice Parameters of Gamma and Gamma Prime Phases in Ni Base Single Crystal Alloy	BL02B1
1999A0214 -CD -np	TORIUMI,Koshiro	Small Crystal Crystallography and Photo-Induced Structural Analyses of Halogen-Bridged Metal Complexes with Linear-Chain Structures	BL02B1
1999A0234 -CD -np	NODA,Yukio	Lattice modulation and charge ordering in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> (x=1/8)	BL02B1
1999A0235 -ND -np	NODA,Yukio	Study of the critical diffuse scattering of (P(CH <sub>3</sub> ) <sub>4</sub> ) <sub>2</sub> CoBr <sub>4</sub>	BL02B1
1999A0254 -ND -np	MORI,Yuuji	Stress Analysis of Processed Si Chip	BL02B1
1999A0264 -ND -np	OKUYAMA,Kenji	Structure Analysis of Microcrystals of Antiferroelectric Liquid Crystal Compounds	BL02B1
1999A0296 -CD -np	SHIGEMATSU,Hirotake	Crystal Structure Analysis of Polysynthetic twinned phase in A <sub>2</sub> BX <sub>4</sub> -type ferroelectrics	BL02B1
1999A0299 -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
1999A0334 -ND -np	TANAKA,Kiyooki	Accurate Electron Density Measurement in Rare-Earth Complexes by Using Synchrotron Radiation and Vacuum Camera	BL02B1
1999A0365 -ND -np	TANAKA,Yoshikazu	Temperature dependence of crystal and magnetic structure of Er thin films	BL02B1
1999A0369 -ND -np	YAMANAKA,Takamitsu	Charge Density Dstribution of perovskite bearing transition metal element as a function of pressure	BL02B1
1999A0376 -ND -np	SAKATA,Makoto	Development of power diffractometry suitable for the Maximum Entropy Method	BL02B1
1999A0378 -ND -np	TAKESUE,Naohisa	Temperature Dependence of Correlation Lngths of Ferroelectric and Antiferroelectric Phases in Relaxor Ordered Pb(Sc <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub>	BL02B1
1999A0398 -BD -np	NODA,Yukio	Lattice modulation and charge ordering associated with the spin ordering in CeP	BL02B1

1999A0405 -BD -np	TANAKA,Kiyoaki	Accurate Electron Density Measurement in Rare-Earth Complexes by Using Synchrotron Radiation and Vacum Camera.	BL02B1
1999A0004 -CD -np	OHTAKA,Osamu	Phase Transitions of ZrO <sub>2</sub> under High Pressure and Temperature	BL04B1
1999A0070 -CD -np	HIROSAWA,Satoshi	In-situ analysis of crystallization behavior of amorphous Nd-Fe-B alloys under ultra-high pressure by X-ray diffraction	BL04B1
1999A0073 -CD -np	ENDO,Hirohisa	The structural change and semiconductor-metal transition of arsenic chalcogenides at high temperatures and high pressures	BL04B1
1999A0078 -ND -np	HOSOKAWA,Shinya	Density dependent structural changes in supercritical fluid sulphur	BL04B1
1999A0099 -CD -np	TAMURA,Kozaburo	Structure of Fluid Hg at Supercritical Conditions	BL04B1
1999A0101 -CD -np	INOUE,Toru	Equation of state of Hydrous $\beta$ -phase and hydrous $\gamma$ -phase	BL04B1
1999A0102 -CD -np	IRIFUNE,Tetsuo	Precise determination of the spinel-postspinel phase boundary in (Mg <sub>0.9</sub> , Fe <sub>0.1</sub> ) <sub>2</sub> SiO <sub>4</sub> olivine	BL04B1
1999A0122 -ND -np	MIZUTANI,Takeshi	Structure of Liquid Phosphorus under High Pressure	BL04B1
1999A0134 -ND -np	UTSUMI,Wataru	In situ observation of graphite-diamond direct transition under high pressures and temperatures	BL04B1
1999A0135 -ND -np	UTSUMI,Wataru	In situ observation of pressure induced amorphization in quartz	BL04B1
1999A0137 -ND -np	FUNAKOSHI,Kenichi	Viscosity of basaltic silicate melt at high-pressure	BL04B1
1999A0166 -ND -np	ITO,Eiji	Determination of Phase transition of Rutile to CaCl <sub>2</sub> Structure in AO <sub>2</sub> system	BL04B1
1999A0218 -ND -np	HIROSE,Kei	Determination of transition boundary between pyrope-garnet and perovskite plus corundum-A new pressure calibration point	BL04B1
1999A0272 -CD -np	YAGI,Takehiko	Phase relation study of grossular under pressure	BL04B1
1999A0293 -CD -np	KATSURA,Tomoo	Precise determination of dissociation reaction of spinel to perovskite+periclase in the system Mg <sub>2</sub> SiO <sub>4</sub> -Fe <sub>2</sub> SiO <sub>4</sub>	BL04B1
1999A0294 -ND -np	KANZAKI,Masami	Viscosity measurement of SiO <sub>2</sub> melt at high pressure	BL04B1
1999A0297 -ND -np	URAKAWA,Satoru	Structure of iron sulfide melt up to 10 GPa	BL04B1
1999A0323 -ND -np	ANDO,Jun-ichi	H <sub>2</sub> O effect on the rheological behavior of Py50Mj50-garnet at high pressure condition	BL04B1
1999A0330 -CD -np	TSUJI,Kazuhiko	Structure of liquid chalcogen under pressure	BL04B1
1999A0350 -ND -np	OHTANI,Eiji	Kinetics of the phase transitions from metastable olivine to a mixture of MgO and Perovskite at high pressure	BL04B1
1999A0368 -CD -np	TAKEDA,Shin'ichi	Structure of liquid IIIb-Te mixtures at high temperatures	BL04B1
1999A0400 -BD -np	TAKEDA,Shin'ichi	Structure of liquid IIIb-Te mixtures at high temperatures	BL04B1
1999A0090 -NM -np	YAMAOKA,Hitoshi	Characterization of crystal monochromators for high-energy synchrotron radiation	BL08W
1999A0112 -NS -np	SAKURAI,Yoshiharu	Performance Test of High-Resolution Compton Scattering Spectrometer	BL08W
1999A0141 -CD -np	SAKAI,Nobuhiko	Magnetic Compton-profile methodology at a 90-degree scattering angle	BL08W
1999A0143 -NS -np	SAKAI,Nobuhiko	Separation of composite magnetic moment of 3d-4f amorphous magnetic alloys by using magnetic Compton-profile method	BL08W
1999A0144 -ND -np	SAKAI,Nobuhiko	Measurement of Compton profiles coinciding with recoiled electrons under Bormann effect	BL08W
1999A0145 -NS -np	SAKAI,Nobuhiko	Experimental evaluation of the change of magnetic electron momentum distribution at a magnetic transition temperature	BL08W

1999A0282 -ND -np	KOIZUMI,Akihisa	Magnetic field and temperature dependence of Compton Profiles on the study of the orbital ordering in $\text{La}_{0.88}\text{Sr}_{0.12}\text{MnO}_3$	BL08W
1999A0351 -ND -np	NANAO,Susumu	Magnetic Compton Scattering in $\text{DyCo}_5$ and $\text{SmFe}_2$	BL08W
1999A0371 -CD -np	SHARMA,B K	Magnetic Compton Profiles of $\text{CeFe}_2$ and $\text{CeRu}_2$ based compounds: Phase I	BL08W
1999A0394 -UL -np	NAKAI,Izumi	The elemental analysis of heavy atoms by high energy X-ray beam fluorescence analysis	BL08W
1999A0395 -BD -np	SAKAI,Nobuhiko	Separation of composite magnetic moment of 3d-4f amorphous magnetic alloys by using magnetic Compton-profile method	BL08W
1999A0024 -ND -np	SHIMURA,Takayoshi	Structural Study of Buried Oxide Layers in SIMOX Wafers by X-ray Diffraction	BL09XU
1999A0042 -CD -np	ITO,Masatoki	Surface X-ray Structure analysis of Solid Solution Interfaces	BL09XU
1999A0060 -ND -np	MITSUMI,Takaya	The study of the nuclear resonant critical scattering from an anti ferromagnetic material	BL09XU
1999A0153 -ND -np	KIKUTA,Seishi	Development of Fabry-Perot type X-ray interferometer	BL09XU
1999A0154 -ND -np	KIKUTA,Seishi	Intensity correlation study in the X-ray region	BL09XU
1999A0155 -ND -np	YODA,Yoshitaka	Study of X-ray parametric down-conversion	BL09XU
1999A0189 -ND -np	SETO,Makoto	Lattice Dynamical Studies of Low-Dimensional Materials by Nuclear Resonance Inelastic Excitation	BL09XU
1999A0192 -ND -np	MAEDA,Yutaka	Study of iron-storage protein ferritin by using nuclear quasi-elastic and inelastic scattering	BL09XU
1999A0202 -CD -np	TAKAHASHI,Toshio	Structure Analyses of Surfaces and Interfaces by X-ray Diffraction	BL09XU
1999A0203 -CD -np	TAKAHASHI,Toshio	Effect of Multiple Reflection on X-ray Crystal Truncation Rod Scattering	BL09XU
1999A0227 -ND -np	SETO,Makoto	Study on Site Specific Nuclear Resonant Inelastic Scattering	BL09XU
1999A0233 -ND -np	AKIMOTO,Koichi	Interface Structure at the Ag/Si Studied by Anomalous X-ray Diffraction	BL09XU
1999A0238 -ND -np	YOSHIDA,Yutaka	In-beam Mossbauer study on the fast impurity diffusion in metals and semiconductors	BL09XU
1999A0260 -CD -np	SAITO,Akira	Structural analysis of the 「Electrode / Solid State Electrolyte Zirconia」 Interface by X-ray standing wave method	BL09XU
1999A0266 -CSD -np	KISHIMOTO,Shunji	Observation of Nuclear Excitation in $^{197}\text{Au}$ with an APD electron detector	BL09XU
1999A0267 -NMD -np	KISHIMOTO,Shunji	Development of X-ray Timing detectors using multi-element APDs	BL09XU
1999A0386 -NSD -np	KOYAMA,Ichiro	Inelastic X-ray nuclear resonant scattering of $^{57}\text{Fe}$ fine particle	BL09XU
1999A0389 -CSD -np	OKANO,Tatsuo	Measurement of Internal Conversion Electrons from Monatomic Layer on Surfaces	BL09XU
1999A0401 -BD -np	ITO,Masatoki	Surface X-ray Structure analysis of Solid Solution Interface	BL09XU
1999A0050 -ND -np	YUSA,Hitoshi	Compressibility measurements of hydrous ringwoodite	BL10XU
1999A0052 -ND -np	KAWAMURA,Haruki	Powder X-ray Diffraction of Solid Hydrogen	BL10XU
1999A0053 -ND -np	KAWAMURA,Haruki	Rudy scale and NaCl scale at Low Temperatures and High Pressures	BL10XU
1999A0055 -ND -np	NAGAI,Takaya	P-V-T eqiaton of state of mantle minerals	BL10XU
1999A0085 -CD -np	HAMAYA,Nozomu	Structure analysis of tetrahedral-molecular crystal and amorphous at high pressure	BL10XU

1999A0086 -ND -np	HAMAYA, Nozomu	Search for crystal structure of SnI <sub>4</sub> showing anomaly of superconductivity at low temperature and high pressure	BL10XU
1999A0092 -CD -np	AKAHAMA, Yuichi	Crystal Structure Analysis of Solid Oxygen High-Pressure phases and Research for Molecular Dissociation	BL10XU
1999A0094 -ND -np	AKAHAMA, Yuichi	Study on Simple Cubic-Simple Hexagonal Structure Transition on Phosphorus under High-Pressure	BL10XU
1999A0108 -NX -np	ISHII, Masashi	Local structure analysis on Pb behavior during crystalization of sol-gel derived PZT thick film	BL10XU
1999A0113 -NX -np	URUGA, Tomoya	Local Structural Analysis of Multilayers by Standing Wave XAFS Method	BL10XU
1999A0117 -NX -np	TAKARABE, Ken-ichi	Observation of local atomic structure of impurity in AlGaAs by EXAFS	BL10XU
1999A0119 -ND -np	TAKARABE, Ken-ichi	MEM study of electronic charge density of IV and III-V materials in high-pressure metalli	BL10XU
1999A0123 -CM -np	KATAYAMA, Yoshinori	Density of Liquid Selenium under High Temperature and High Pressure	BL10XU
1999A0124 -NM -np	KATAYAMA, Yoshinori	Constraction of the Laser-heated diamond anvil system	BL10XU
1999A0139 -CD -np	OHISHI, Yasuo	Electron Density Distribution Analysis of Pressure-Induced s-d Transition of Cs by MEM	BL10XU
1999A0140 -NM -np	OHISHI, Yasuo	Optics using X-ray Refractive Lens at BL10XU	BL10XU
1999A0168 -NX -np	LEE, Chul-Ho	Study of change ordered La <sub>2</sub> NiO <sub>4.125</sub> using XAFS	BL10XU
1999A0193 -ND -np	NASU, Saburo	Structure Determination of High Pressure Phase of Hematite	BL10XU
1999A0259 -ND -np	ETO, Tetsujiro	Crystal Structure Determination of NiO under High Pressure	BL10XU
1999A0303 -ND -np	TAKATA, Masaki	Charge Dnsity Study of YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> under High Pressure by the Maximum Entropy Method	BL10XU
1999A0311 -ND -np	ONODERA, Akifumi	Compression behavior of diamond	BL10XU
1999A0349 -CD -np	NAGATA, Kiyofumi	Structure of Chalcogens under High Pressure	BL10XU
1999A0356 -ND -np	FUJINO, Kiyoshi	Solid solubility relations between Mg-perovskite and Ca-perovskite under the lower	BL10XU
1999A0367 -NX -np	SAINI, Naurang L	Polarized XAFS Studies of Local Lattice Distortions and Charge Ordering	BL10XU
1999A0396 -UD -np	KAWAMURA, Haruki	Structural Phase Transition of Molecular Solid at High Pressures	BL10XU
1999A0412 -UD -np	TAKATA, Masaki	Direct Observation of the Pressure Induced Orbital-control in Layered-type Doped Manganites	BL10XU
1999A0418 -UD -np	MORI, Yoshihisa	Crystal structure of Li under high pressure	BL10XU
1999A0054 -ND -np	KAWAMURA, Haruki	High Pressure-High Temperature Synthesis of Perovskite BaZrS <sub>3</sub>	BL14B1
1999A0056 -ND -np	NAGAI, Takaya	Kinetic studies of the $\alpha$ -quartz-coesite transition of SiO <sub>2</sub> by time-resolved diffraction experiments	BL14B1
1999A0178 -CD -np	UOSAKI, Kohei	In situ SXS Stydy of Electrodeposition Process on Electrode	BL14B1
1999A0271 -CD -np	YAGI, Takehiko	Development of Drickamer type high pressure apparatus combined with synchrotron radiation	BL14B1
1999A0331 -NM -np	TSUJI, Kazuhiko	Structural study of liquids under pressure using angle-dispersive x-ray diffraction	BL14B1
1999A0391 -NX -np	YAMAUCHI, Hisao	XAFS for Probing the Hole Distribution among the Different Layers in Superconducting Cuprates	BL14B1
1999A0088 -CS -np	OURA, Masaki	Feasibility study of the experimental apparatus for photoabsorption processes of multiply charged ions-II	BL23SU

1999A0089 -CS -np	YAMAOKA,Hitoshi	Experimental study of photoabsorption processes of Oxygen, Neon and ions	BL23SU
1999A0044 -NS -np	MIYAHARA,Tsuneaki	Study on magnetism of rare earth-3d transition metal alloys and compounds by comparison between large and small MCD signals	BL25SU
1999A0110 -NS -np	MIZUMAKI,Masaichiro	The Magnetic Circular Dichroism of Laves compounds in soft X-ray region	BL25SU
1999A0239 -NS -np	FUJIWARA,Yuji	Study on the magnetism of amorphous Fe in RE/Fe and CoFeB magnetic thin films	BL25SU
1999A0250 -CS -np	DAIMON,Hiroshi	Circularly-polarized light photoelectron diffraction	BL25SU
1999A0302 -NS -np	SODA,Kazuo	Magnetic circular dichroism in the L <sub>2,3</sub> edge regions of the Fe-based DO3-related alloy	BL25SU
1999A0312 -NS -np	SUGA,shigemasa	Spin Polarized Photoemission of Mn Alloys	BL25SU
1999A0315 -NS -np	SEKIYAMA,Akira	Temperature-dependent high-resolution resonant photoemission study of the heavy fermion system Ce compounds	BL25SU
1999A0318 -NS -np	IMADA,Shin	MCD and High-resolution resonant photoemission of perovskite-type (Nd,Sm) -Sr-Mn oxides	BL25SU
1999A0319 -NS -np	KIRSCHNER,J	Experimental investigation of magnetic microstructures in ultrathin layered systems	BL25SU
1999A0333 -NS -np	TAKEUCHI,Tsunehiro	Studies of the electronic structure of the ferromagnetic La <sub>4</sub> Ba <sub>2</sub> Cu <sub>2</sub> O <sub>10</sub> by the MCD and resonance HRPES measurements	BL25SU
1999A0403 -BS -np	FUJIWARA,Yuji	Study on the magnetism of amorphous Fe in RE / Fe and CoFeB magnetic thin films	BL25SU
1999A0404 -US -np	SEKIYAMA,Akira	Mn 3d electronic states doped in the II-VI semiconductors	BL25SU
1999A0048 -NM -np	ISHIGURO,Eiji	Improvement in resolving power of the soft X-ray grating monochromator	BL27SU
1999A0049 -NM -np	ISHIGURO,Eiji	Characterization of a focussing mirror system and its application to electronic materials	BL27SU
1999A0058 -NM -np	TANAKA,Takashi	Development of methods to determine the photon-beam axis of SR from figure-8 undulator by measuring	BL27SU
1999A0209 -CM -np	KOYANO,Inosuke	Performance test of a reflectron-type mass spectrometer for soft X-ray photochemistry	BL27SU
1999A0236 -NM -np	SHIMIZU,Masaru	Preparation and Etching of Oxide Thin Films	BL27SU
1999A0320 -CM -np	SUZUKI,Isao H.	Performance test of a resonant Auger electron spectrometer for atoms and molecules	BL27SU
1999A0084 -NOM -np	HIRAI,Masaaki	Product of SiC or Diamond Thin Film and Etching	BL27SU
1999A0273 -NOM -np	OKUYAMA,Masanori	Preparation and Characterization of Electrical Materials by using SR	BL27SU
1999A0274 -NM -np	OKUYAMA,Masanori	Construction of Soft X-ray CVD Experimental Station	BL27SU
1999A0015 -CS -np	SAKURAI,Kenji	Chemical characterization of ultra trace metals in small liquid drop	BL39XU
1999A0016 -NM -np	SAKURAI,Kenji	Advanced Spectrometer for Ultra trace Chemical Analysis by x-ray fluorescence (ASUCA project)	BL39XU
1999A0026 -ND -np	HASHIZUME,Hiroo	Magnetic structure analysis of 3d/4f multilayers (Fe/Gd and Fe/Dy) by resonant X-ray magnetic scattering	BL39XU
1999A0062 -NM -np	SUZUKI,Motohiro	Perfect determination of polarization states of x-rays generated by diamond phase retarder	BL39XU
1999A0087 -NS -np	MIZUKI,Jun'ichiro	Crystal Orientation dependence of the Spin Polarization of Cu in Single crystal Co/Cu multilayers by MCD method.	BL39XU
1999A0142 -NS -np	SAKAI,Nobuhiko	Dependence of XMCD hysteresis on the thickness of Fe in Gd/Fe multilayer	BL39XU
1999A0150 -NOX -np	NAKAI,Izumi	Chemical state analysis of the transition elements in meteorites by $\mu$ -XANES spectra	BL39XU

1999A0171 -CD -np	MARUYAMA,Hiroshi	X-Ray Resonant Emission Spectroscopy and Polarization Analysis	BL39XU
1999A0172 -NS -np	MARUYAMA,Hiroshi	Observation of Speckle Pattern in XMCD Signal and Fractal Analysis	BL39XU
1999A0173 -NS -np	MARUYAMA,Hiroshi	Mn K-Edge XMCD Spectrum in Ferromagnetic Mn Compounds by Helicity Modulation Method	BL39XU
1999A0183 -ND -np	HAYASHI,Kouichi	X-ray fluorescence holography of organic thin films	BL39XU
1999A0188 -ND -np	ITO,Masahisa	Temperture dependencce of spin and orbital magnetic moments of ferrimagnetic garmets ( $R_3Fe_5O_{12}$ , R=Y, Gd, Ho) by X-ray magnetic diffraction	BL39XU
1999A0220 -NM -np	WATANABE,Norio	3D Elemental Analysis by Fluorescence X-ray Imaging with Wolter Mirror	BL39XU
1999A0247 -NM -np	WATANABE,Iwao	Development of a polarized XAFS methodo for the solution surface study	BL39XU
1999A0253 -NS -np	HAGA,Nobuhiko	Trace Element Analysis of Calcareous Skelton in Anthozoa	BL39XU
1999A0280 -NX -np	MIYANAGA,Takafumi	Study of Local Magnetic Structure of Ni-Mn alloys by Magnetic XSFS	BL39XU
1999A0327 -NXSS-np	NUMAKO,Chiya	X-ray Fluorescence analyses of in the deep-sea organism	BL39XU
1999A0363 -NM -np	HAYAKAWA,Shinjiro	Ultra trace analysis using a wavelength dispersive x-ray fluorescence spectrometer	BL39XU
1999A0388 -NX -np	CHABOY,Jesus	XMCD Study in Rare-Earth Transition-Metal Intermetallics near Compensation Temperature	BL39XU
1999A0390 -CL -np	MOTAMED EKTESSABI,Ali	Inverstigation of metal ion distribution in a single cell using SR micro beam	BL39XU
1999A0007 -NL -np	TOMOO,Koji	Crystal Structure Analysis of CathepsinB-Noncovalent-type Inhibitor Complex	BL41XU
1999A0008 -NL -np	ISHIDA,Toshimasa	Crystal Structure Analysis of Full Length Human Initiation Factor-4E	BL41XU
1999A0013 -NL -np	YUAN,Hanna SHIAO- HAN	High resolution date collection for colicin E7 and malic enzyme	BL41XU
1999A0025 -NL -np	LIAW,Shwu-Huey	Crystal Structure Analyses of Allergens Der p 5, Blo t 5, and BG60 by MIR-MAD methods.	BL41XU
1999A0027 -CL -np	SATOH,Kazuhiko	Crystal structure analysis of Photosystem I complexes	BL41XU
1999A0034 -NL -np	SHIBATA,Naoki	Crystal structure analysis of FMN binding protein at atomic resolution	BL41XU
1999A0037 -NL -np	MORIMOTO,Yukio	Structure analysis of mitochondrial protein import factor.	BL41XU
1999A0057 -CL -np	MORIKAWA,Kousuke	Crystallographic Study of G-CSF Receptor Complexed with G-CSF	BL41XU
1999A0061 -NL -np	YASUOKA,Noritake	Structure Elucidation of Multi-functionality of E.coli Tryptophan Synthase	BL41XU
1999A0064 -NLDL-np	SAKAI,Hiroaki	X-ray crystal structure analysis of Prostaglandin D Synthase	BL41XU
1999A0065 -NL -np	SAKAI,Hiroaki	X-ray cryystal structure analysis of the deletion mutant of importin $\beta$	BL41XU
1999A0075 -NL -np	MIYAHARA,Ikuko	X-Ray Crystallographic Study of D-Amino Acid Oxidase	BL41XU
1999A0076 -CL -np	HIROTSU,Ken	X-Ray Crystallographic Study of Thermostable Aspartate Aminotransferase	BL41XU
1999A0081 -NL -np	HAKOSHIMA,Toshio	Crystallographic studies of DNA recognition by proteins:interferon regulatory factor 2(IRF2) and Pap1	BL41XU
1999A0111 -NL -np	KAWAMOTO,masahide	x-ray Crystallographic Studies of human VHR and antibiotics RK Complexes	BL41XU

1999A0129 -NL -np	KAMIYA,Nobuo	X-ray Crystal Structure Analysis of Photo-Activated Nitrate Hydratase	BL41XU
1999A0131 -NL -np	KAMIYA,Nobuo	Establishment of Automated Beamline Alignment Method at BL41XU	BL41XU
1999A0132 -NL -np	KAMIYA,Nobuo	Test for the On-line IP Reader of MIROAS diffractometer	BL41XU
1999A0133 -NL -np	KAMIYA,Nobuo	Usefulness of High-Energy X-rays for Protein Crystallography	BL41XU
1999A0138 -NL -np	SHEN,Jian-Ren	Crystal Structure Analysis of Oxygen-Evolving Photosystem II Complex	BL41XU
1999A0148 -NL -np	ITOH,Kyouko	High Resolution X-ray Crystallographic Analysis of Cytochrome bc <sub>1</sub> complex	BL41XU
1999A0149 -NL -np	MURAMOTO,Kazumasa	X-ray crystallographic analysis of bovine heart cytochrome c oxidase in the respiratory inhibitor-bound states	BL41XU
1999A0160 -NL -np	FUJII,Tomomi	X-ray Crystal Structure Analysis of Each Reaction Step of Dehalogenase Enzyme	BL41XU
1999A0170 -NL -np	KAMITORI,Shigehiro	Molecular and Crystal Structures of <i>Thermoactinomyces vulgaris</i> R-47 $\alpha$ -amylases	BL41XU
1999A0175 -NL -np	TOYOSHIMA,Chikashi	X-ray Crystallography of Ultra-thin Membrane Protein Crystals	BL41XU
1999A0197 -NL -np	KAI,Ysushi	Native date collection for structural analysis of Phosphoenolpyruvate Carboxylase from Maize	BL41XU
1999A0206 -NL -np	YAMANE,Takashi	Structure analysis of $\beta$ -amylase from <i>Bacillus polymyxa</i>	BL41XU
1999A0207 -NL -np	KOUYAMA,Tsutomu	X-ray crystallographic study of bacteriorhodopsin's reaction intermediates at low temperature	BL41XU
1999A0210 -CL -np	YUTANI,Katsuhide	X-ray Structural Analyses for a Series of Mutant Human Lysozymes	BL41XU
1999A0212 -CL -np	TSUKIHARA,Tomitake	X-ray crystallographic analysis of bovine heart cytochrome c oxidase at high resolution	BL41XU
1999A0216 -CL -np	NISHIDA,Hirokazu	Crystal Structure Analyses of Human High-affinity Receptor for IgE	BL41XU
1999A0217 -NL -np	TANOKURA,Masaru	Protein crystallography of NADPH : nitro compound oxidoreductase, NfsA from <i>E.coli</i>	BL41XU
1999A0219 -NL -np	WAKABAYASHI,Takeyuki	X-ray crystallography of mutant actin	BL41XU
1999A0222 -CL -np	IMADA,Katsumi	Protein Crystallographic studies of flagellar HAP2 and F41k fragment of flagellin	BL41XU
1999A0223 -CL -np	NAMBA,Keiichi	Structure analysis of bacterial flagellar filament by X-ray fiber diffraction	BL41XU
1999A0240 -NL -np	NAKASAKO,Masayoshi	Cryogenic crystal structure analysis of the Fv fragment of an antibody at an atomic resolution	BL41XU
1999A0241 -NL -np	HIGUCHI,Yoshiki	X-ray structure analysis of H <sub>2</sub> -reduced hydrogenase at high resolution	BL41XU
1999A0242 -NL -np	HAMADA,Kensaku	X-ray Crystal Analyses of Thermophilic Enzymes due to understand Thermostability of Protein	BL41XU
1999A0245 -NL -np	BAUMSTARK,Manfred W	Structure of Human Low Density Lipoproteins	BL41XU
1999A0248 -CL -np	YAMANE,Takashi	Structure and function analysis of phospholipase D from <i>Streptomyces</i> origin	BL41XU
1999A0256 -NL -np	KOUYAMA,Tsutomu	X-ray crystallographic study of light-harvesting chlorophyll protein complex	BL41XU
1999A0257 -NL -np	KOUYAMA,Tsutomu	Crystal Structure Analyses of Bacteriorhodopsin Mutant (D96N)	BL41XU
1999A0262 -CL -np	MIKI,Kunio	Studies on Structure-Function Relationship of DNA Replication Control Proteins by Means of X-ray Cry	BL41XU



1999A0263 -NL -np	MIKI,Kunio	Mechanism of Thermostabilization of Membrane Protein on the Basis of High-Resolution Crystal Structure of Thermophilic Photosynthetic Reaction Center	BL41XU
1999A0268 -NL -np	NURIOKA,Shigemi	X-ray crystallographic analysis of japanese pear S-RNase	BL41XU
1999A0269 -CL -np	OKADA,Tetsuji	Crystal structure analyses of bovine rhodopsin	BL41XU
1999A0270 -NL -np	TANAKA,Isao	Structural analysis of the horming-endonuclease Apel from hyperthermophilic archaeobacteria Aeropyrum pernix by X-ray crystallography	BL41XU
1999A0285 -CL -np	FUKUYAMA,Keiichi	X--ray crystallographic studies on DNA repair enzymes	BL41XU
1999A0324 -CL -np	KATAYANAGI,Katsuo	The flexibility of protein molecule in terms of the crystallography of DHFR mutants	BL41XU
1999A0329 -CL -np	MORIMOTO,Hideki	X-ray Crystallographic Analysis of the Evolution of Vertebrate Hemoglobins	BL41XU
1999A0336 -NL -np	NONAKA,Takamasa	High resolution x-ray structural analysis of catalytic domain of chitinaseA1 from Bacillus circulans	BL41XU
1999A0337 -NL -np	NONAKA,Takamasa	Crystal structure of Streptomyces albogriseolus serine protease (SAM=P45)	BL41XU
1999A0339 -CL -np	NUREKI,Osamu	Crystal Structure Analysis of the complex of Drosophila Sxl protein and its target RNAs	BL41XU
1999A0340 -CL -np	NUREKI,Osamu	Crystal Structure Analysis of Valyl-tRNA Synthetase in a complex with tRNA Val	BL41XU
1999A0341 -NL -np	NUREKI,Osamu	X-ray crystallography of antibiotics and its target aminoacyl-tRNA synthetase for drug design	BL41XU
1999A0342 -NL -np	NUREKI,Osamu	X-ray Crystallography of Thermus thermophilus Arginyl-tRNA Synthetase complexed with its substrates	BL41XU
1999A0377 -NL -np	YAMASHITA,Eiki	X-ray crystallographic analysis of bovine liver 20S proteasome at 2.5 Å resolution	BL41XU
1999A0393 -UL -np	FUKUYAMA,Keiichi	X-ray crystallographic analysis of heme-heme oxygenase complex	BL41XU
1999A0399 -BL -np	IMADA,Katsumi	Protein Crystallographic studies of flagellar HAP2 and F41k fragment of flagellin	BL41XU
1999A0408 -UL -np	LAWRENCE,Michael	X-ray structure determination of a fragment of a Paramyxoviridae fusion protein	BL41XU
1999A0409 -BUL -np	KAMIYA,Nobuo	Avalability of BL41XU for data collection from small crystals of proteins.	BL41XU
1999A0410 -BL -np	SATO,H,Kazuhiko	Crystal structure analysis of Photosystem I complexes	BL41XU
1999A0411 -BL -np	KAI,Ysushi	Structural Analysis of RuBisCO with highest CO <sub>2</sub> -fixation ability from Galdieria Partita	BL41XU
1999A0036 -CL -np	MORIMOTO,Yukio	Structure Analysis of Diol Dehydratase	BL41XU
1999A0071 -CL -np	SASAKI,Yuji	Time-resolved one molecular detection	BL44B2
1999A0208 -NL -np	KOUYAMA,Tsutomu	X-ray crystallographic study of bacteriorhodopsin1s reaction intermediates by the time-resolved laue method	BL44B2
1999A0328 -CL -np	MORIMOTO,Hideki	X-ray Crystallographic Analysis of the Structure Change of Hemoglobin	BL44B2
1999A0021 -NL -np	GOTO,Yuji	Analyses of Protein Folding by Stopped-Flow X-ray Solution Scattering	BL45XU
1999A0028 -CL -np	SUGA,Hiroyuki	An X-ray diffraction study on rat cardiac muscles	BL45XU
1999A0041 -NL -np	YAGI,Naoto	An X-ray diffraction study of skeletal muscle during unladed shortening	BL45XU
1999A0096 -CL -np	IWAMOTO,Hiroyuki	Detection of small structural changes of proteins labeled with a high electron-density marker	BL45XU

1999A0097 -NL -np	IWAMOTO,Hiroyuki	Time-resolved measurements of the inactivating process of muscle after shortening	BL45XU
1999A0098 -NL -np	IWAMOTO,Hiroyuki	Preliminary X-ray diffraction study of minute specimens derived from muscle	BL45XU
1999A0107 -NL -np	HORIUTI,Keisuke	Effects of ADP on the conformation of myosin heads	BL45XU
1999A0186 -NL -np	MAEDA,Yuichiro	X-ray fiber diffraction from well oriented sols of native thin filament and F-actin	BL45XU
1999A0232 -NL -np	KATAOKA,Mikio	Structure and photoreaction of chimeric bacteriorhodopsins	BL45XU
1999A0249 -ND -np	TAKENAKA,Mikihito	Dynamics of Phase Transition in Polymer Alloys induced by Pressure Jump	BL45XU
1999A0289 -NL -np	TAKEMORI,Shigeru	X-ray diffraction study on skinned fibers in the absence of certain proteins	BL45XU
1999A0346 -CD -np	TOKUNAGA,Fumio	The stability of liquid structure and the right induced structural change in PYP and mutant	BL45XU
1999A0347 -CL -np	TOKUNAGA,Fumio	Realtime measurements of structural changes of photo-driven proton pump, bacteriorhodopsin during functional expression process by time-resolve x-ray diffraction	BL45XU
1999A0020 -NOM -np	ASANO,Yoshihiro	Measurement of gas bremsstrahlung and associated photoneutron at the SPring-8 insertion device beamline	BL46XU
1999A0079 -NOM -np	MOMOSE,Atsushi	High Resolution Phase-Contrast Imaging Using an X-Ray Interferometer	BL47XU
1999A0080 -NOM -np	MOMOSE,Atsushi	Stability Study of Separated-Type X-Ray Interferometer	BL47XU
1999A0091 -NM -np	KAMIJO,Nagao	Hard X-ray microbeam experiments:measurement of heat load, radiation damage, and light collecting efficiency of the sputtered-sliced Fresnel zone plate	BL47XU
1999A0147 -CM -np	KOHMURA,yoshiki	evaluation of X-ray refractive lens(pressurized bubble lens)	BL47XU
1999A0176 -ND -np	OHMASA,Masaaki	Development of micro-area Xray diffraction method with micro-pinholes	BL47XU
1999A0243 -NM -np	TSUCHIYAMA,Akira	Development of X-ray CT system for rocks and minerals	BL47XU
1999A0244 -NM -np	FIRSOV,Alexandre	Diffraction focusing elements for energys higher than 10 keV.	BL47XU
1999A0321 -CL -np	YAMASAKI,Katsuhito	Refraction-contrast imaging of a mouse, rat and resected specimen	BL47XU
1999A0344 -NM -np	BARON,Alfred Q	A Refractive Collimator For Synchrotron Radiation	BL47XU