

Proposal List of Public Beamline Experiments in 1998A

Proposal No.	Proposal Leader	Title of Experiment	Beamline No.
1998A0010 -CX -np	KAGEYAMA,Hiroyuki	XAFS study on photoluminescence property and structure of ion implanted Cu ion	BL01B1
1998A0032 -NX -np	UCHIMOTO,Yoshiharu	XAFS Study of the Local Structures in Perovskite-type Solid Oxide Crystal Electrolytes	BL01B1
1998A0038 -NX -np	SAKANE,Hideto	XAFS Study on the Local Structure Change around Silver in Zeolites	BL01B1
1998A0044 -NX -np	YAMASHITA,Hiromi	XAFS Studies on ametyl Ion Photocatalysts Incorporated Within Zeolite Cavities	BL01B1
1998A0047 -NX -np	NAKAI,Ikuo	Phase transformation of Y-Ni system due to the solid-state diffusion reaction	BL01B1
1998A0048 -CX -np	KUBOZONO,Yoshihiro	XAFS of metal endohedral C ₆₀	BL01B1
1998A0050 -NX -np	MATSUMURA,Yasuyuki	XAFS Studies on Pd,Ag Particles Supported on CeO ₂	BL01B1
1998A0056 -NX -np	YAMAMOTO,Takao	K-edge XAFS of Light Rare-earth Oxides, Carbides, and Nitrides	BL01B1
1998A0085 -CX -np	NISHIHATA,Yasuo	General evaluation of XAFS beamline I - XAFS in the high energy region	BL01B1
1998A0111 -CX -np	KATAYAMA,Yoshinori	XAFS Study on Liquid Te and I under High Temperature and High Pressure	BL01B1
1998A0148 -NM -np	KITAMURA,Hideo	Wavelength dependence of the detection efficiency of the diamond detector for X-ray beam position monitors	BL01B1
1998A0179 -NX -np	HASHIMOTO,Hideki	XAFS analysis of heavy elements in accumulators	BL01B1
1998A0193 -CX -np	WATANABE,Iwao	Solvation Structures of Iodide Ion in Various Solvents	BL01B1
1998A0195 -CX -np	WATANABE,Iwao	Total Reflection XAFS of Aqueous Solution Surface	BL01B1
1998A0197 -CX -np	NIWA,Miki	Analysis of Structure of Zeolite-Supported Pd Catalyst by XAFS	BL01B1
1998A0199 -NX -np	MIYANAGA,Takafumi	Semiconductor to metal transition and local structure in arsenic tellurides	BL01B1
1998A0201 -NX -np	UMESAKI,Norimasa	Structural Analysis of Indium-Tin Oxide (ITO) Thin Filme by XAFS Spectroscopy	BL01B1
1998A0214 -CX -np	TAKAHASHI,Masao	Local structure around Eu for new red fluorescent material, (La _{1-x} Eu _x) ₂ O ₂ CN ₂ by both conversion electron and fluorescence yield XAFS techniques	BL01B1
1998A0217 -NX -np	KASATANI,Hirofumi	Local structure and magnetic property for hard magnetic material Sm ₂ Fe ₁₇ N _x	BL01B1
1998A0219 -CX -np	EMURA,Shuichi	General evaluation of XAFS beam line II - low and middle energy region -	BL01B1
1998A0235 -NX -np	NUMAKO,Chiya	Characterization of specific elements accumulated in marine biomineral	BL01B1
1998A0245 -NX -np	KANAI,Hiroyoshi	XAFS Analysis for the Local Structures of Noble Metal - Ceria Catalysts	BL01B1
1998A0250 -NX -np	FUJIWARA,Yuji	Analysis of local structure and perpendicular magnetic anisotropy of GdCo and GdFe thin filmes	BL01B1
1998A0255 -NX -np	HAGA,Koukichi	local structure of erbium doped glasses studied with XAFS measurements	BL01B1
1998A0256 -NX -np	KOBE,Hideomi	The Local Structural Analysis of Sb Catalyst in Polyethyleneterephthalate	BL01B1
1998A0258 -CX -np	TANAKA,Tsunehiro	Evaluation of Energy Resolution of BL01B1 XANES Spectra of Various Metal Ions	BL01B1

1998A0265 -CX -np	YAMAGUCHI,Hiroataka	Local Structure of Nd ³⁺ ions in Oxide Glasses Studied by EXAFS on the Nd K-edge	BL01B1
1998A0003 -NOD -np	OZEKI,Tomoji	Crystal Structure Analysis of Sodium Paradodecatungstate	BL02B1
1998A0026 -CD -np	KASATANI,Hirofumi	Precise Crystal Structure Analysis of K ₃ H(SO ₄) ₂ by High Energy X-ray Diffraction Method	BL02B1
1998A0051 -CD -np	TORIUMI,Koshiro	Small Crystal Crystallography and Photo-Induced Structural Analyses of Halogen-Bridged Metal Complexes with Linear-Chain Structures	BL02B1
1998A0055 -NOD -np	KAI,Yasushi	X-ray Crystallographic Study of Small Crystal of C ₆₀ -g-Cyclodextrin Complex	BL02B1
1998A0065 -ND -np	SAKATA,Makoto	Crystal structural Analysis of the Fullerene Compounds by the Maximum Entropy Method	BL02B1
1998A0067 -ND -np	MATSUI,Tsuneo	Diffuses x-ray scattering study on structure of radiation defects in Ni-alloys	BL02B1
1998A0082 -ND -np	MORIMOTO,Shotaro	Powder Structure Analysis of Charge Disproportionate Perovskite Iron Oxide	BL02B1
1998A0083 -ND -np	MORIMOTO,Shotaro	Single Crystal Structure Analysis of Charge Disproportionate Perovskite Iron Oxide	BL02B1
1998A0097 -CD -np	OZAWA,Yoshiki	Development of Electronic Excited State Crystallography by Modulation Method with IP	BL02B1
1998A0133 -CD -np	TORAYA,Hideo	Resolution tests of crystal analyzer and long horizontal parallel slits in powder diffraction experiments	BL02B1
1998A0152 -CD -np	KUROIWA,Yoshihiro	Precursor Phenomena on the First-Order Phase Transition in Ferroelastic	BL02B1
1998A0153 -CD -np	NODA,Yukio	Phase transition of hexagonal BaTiO ₃	BL02B1
1998A0154 -CD -np	NODA,Yukio	Lattice modulation and charge ordering associated with the spin ordering in CeP	BL02B1
1998A0155 -ND -np	NODA,Yukio	Charge ordering in Vanadium compound	BL02B1
1998A0156 -ND -np	NODA,Yukio	Electron distribution of hydrogen atom of squaric acid in high pressure phase	BL02B1
1998A0157 -ND -np	NODA,Yukio	Lattice modulation and charge ordering in La _{2-x} Sr _x CuO ₄ (x=1/8)	BL02B1
1998A0173 -ND -np	SHIGEMATSU,Hirotake	Crystal Structure Analysis of Polysynthetic twinned phase in A ₂ BX ₄ -type ferroelectrics	BL02B1
1998A0200 -ND -np	MATSUO,Yoshie	X-ray study of phason strains in decagonal Al-Pd-Mn and Al-Ni-Co quasicrystals	BL02B1
1998A0208 -ND -np	TORIUMI,Yoshiharu	Crystal structure analysis of zeolite using high resolution powder diffraction and anomalous dispersion effect	BL02B1
1998A0209 -ND -np	SAKON,Toshio	Precise Measurements of Lattice Parameter Mismatch between g and g Phase In Ni Base Single Crystal Alloy	BL02B1
1998A0229 -ND -np	YASUAMI,Shigeru	X-ray scattering Study of the Structure of Ultra-thin Insulator Films	BL02B1
1998A0248 -CD -np	TAKNEKA,Yasuyuki	Structure determination of organic micro-crystals of host-guest inclusion compounds	BL02B1
1998A0263 -CD -np	OHSHIMA,Ken-ichi	Structural Fluctuation in Ternary Alloys	BL02B1
1998A0267 -ND -np	CHEN,Haydn	Nature of Atomic Disorder in Relaxor Ferroelectrics of PMN and PSN	BL02B1
1998A0274 -ND -np	RADHAKRISHNAN,T. S.	Single Crystal X-ray Diffraction Study of the Pure Phase Transformation in solid C ₇₀	BL02B1
1998A0280 -ND -np	UEKUSA,Hidehiro	Crystal structure analysis of excited state Pt complex	BL02B1
1998A0281 -CD -np	NANAKA,Kiyooki	Accurate Electron density Measurement in Transition-Metal Complexes by Using Synchrotron Radiation and Vacuum Camera	BL02B1
1998A0294 -ND -np	YASUI,Masanori	Structure determination of small crystals of organic functional compounds	BL02B1

1998A0034 -CD -np	ENDO,Hirohisa	The structural change and semiconductor -metal transition of arsenic chalcogenides at high temperatures and high pressures	BL04B1
1998A0036 -ND -np	MATSUI,Masanori	Precise determination of the phase boundary between (Mg,Fe) ₂ SiO ₄ olivine and modified spinel	BL04B1
1998A0041 -CD -np	TAMURA,Kozaburo	Structure of Fluid Hg at Supercritical Conditions	BL04B1
1998A0042 -CD -np	INUI,Masanori	Structure of supercritical fluid selenium at high temperature and pressure	BL04B1
1998A0053 -ND -np	ANDO,Jun-ichi	In-situ measurement of rheological behavior of silicate garnets at high pressure and temperature	BL04B1
1998A0064 -CD -np	ENDO,Shoichi	Determination of pressure-temperature phase diagram of PbZrO ₃	BL04B1
1998A0081 -CD -np	UTSUMI,Wataru	In situ observation of graphite to diamond transition using catalysts	BL04B1
1998A0090 -CD -np	KITAMURA,Naoyuki	Structure analysis of SiO ₂ around glass transition temperature under high pressures	BL04B1
1998A0101 -ND -np	HIROSAWA,Satoshi	In-situ analysis of crystallization behavior of amorphous Nd-Fe-B alloys under ultra-high pressure by X-ray diffraction	BL04B1
1998A0108 -CD -np	TUJI,Kazuhiko	Structure of Liquid Te at High Temperatures	BL04B1
1998A0109 -CD -np	TUJI,Kazuhiko	Structure of Liquid chalcogen under pressure	BL04B1
1998A0114 -ND -np	YAMAKATA,Masaaki	Effect of hydrostaticity for high pressure experiment of distobalite(SiO ₂)	BL04B1
1998A0130 -ND -np	OHTANI,Eiji	Kinetics of the decomposition reaction of spinel Mg ₂ SiO ₄ to MgO and MgSiO ₃ perovskite	BL04B1
1998A0131 -ND -np	YONEDA,Akira	Establishing equation of state of MgO and MgSiO ₃ perovskite based on simultaneous measurements of acoustic velocity and density	BL04B1
1998A0144 -ND -np	INOUE,Toru	Equation of state of hydrous β-phase and hydrous γ-phase	BL04B1
1998A0145 -ND -np	IRIFUNE,Tetsuo	Precise determination of the spinel - postspinel phase boundary in (Mg _{0.9} ,Fe _{0.1}) ₂ SiO ₄ olivine	BL04B1
1998A0146 -ND -np	KURODA,Koji	Precise determination of the phase boundaries among ilmenite, garnet and perovskite structures	BL04B1
1998A0163 -ND -np	KATSURA,Tomoo	Precise determination of dissociation reaction of spinel to perovskite+periclase in the system Mg ₂ SiO ₄ -Fe ₂ SiO ₄	BL04B1
1998A0167 -ND -np	FUJINO,Kiyoshi	High-pressure and high-temperature in situ X-ray diffraction experiments of (Mg,Fe)SiO ₃ enstatite and ilmenite	BL04B1
1998A0171 -CD -np	YAO,Makoto	Structural Analysis of Supercritical Water	BL04B1
1998A0187 -CD -np	OHTAKA,Osamu	Phase Transitions of AX ₂ Compounds under High Pressure and Temperature	BL04B1
1998A0205 -CD -np	URAKAWA,Satoru	X-ray Diffraction Analysis of Fe-FeS Melt under Pressure	BL04B1
1998A0232 -ND -np	KANZAKI,Masami	In-situ viscosity measurement of NaAlSi ₃ O ₈ (albite) melt at high pressure	BL04B1
1998A0233 -ND -np	WALTER,Michael J.	Subsolidus Transition from Wadsleyite (Beta-Phase) to Spinel (Gamma-Phase) in the System Mg ₂ SiO ₄ as a function of Pressure and Temperature	BL04B1
1998A0234 -ND -np	ITO,Eiji	Pressure calibration of cubic sintered diamond anvil cell	BL04B1
1998A0239 -ND -np	ONO,Shigeaki	Determination of High Pressure Transformation in MiSiO ₃ System	BL04B1
1998A0242 -ND -np	YAGI,Takehiko	Phase relation study of grossular under high pressure and high temperature conditions	BL04B1
1998A0243 -ND -np	YAGI,Takehiko	Determination of pressure fixed points for ZnS, GaAs, and GaP	BL04B1

1998A0012 -NOM -np	BABA,Hiroshi	An attempt to change the half lives of β -decay nuclides	BL08W
1998A0080 -NM -np	YAMAOKA,Hitoshi	Characterization of a 100-150 keV monochromator at BL08W	BL08W
1998A0122 -NM -np	SAKAI,Nobuhiko	Magnetic Compton-Profile Methodology at 90° Scatterig Angle	BL08W
1998A0123 -NS -np	SAKAI,Nobuhiko	Study on magnetic metals using magnetic Compton-profile methodology	BL08W
1998A0124 -ND -np	SAKAI,Nobuhiko	Magnetic Comptou Scattering measurement with helicity switching	BL08W
1998A0126 -ND -np	KOIZUMI,Akihisa	Orbital distribution of Mn-3d(e_g) electrons in the perovskite system $La_{1-x}Sr_xMnO_3$	BL08W
1998A0140 -ND -np	SUZUYA,Kentaro	High-resolution observation of short-range structure in amorphous materials by high-energy X-ray diffraction	BL08W
1998A0006 -CD -np	MITSUMI,Takaya	The nuclear resonant scattering beam properties on the various rotation time of the hyper fine field in tha magnetic material	BL09XU
1998A0015 -CD -np	SETO,Makoto	Development of Nuclear Resonant Inelastic Scattering Technique	BL09XU
1998A0019 -CD -np	HARAMI,Taikan	X-ray Inelastic Scattering of Hemoproteins	BL09XU
1998A0020 -CD -np	ITO,Masatoki	Surface X-ray Structure analysis of Solution Interfaces	BL09XU
1998A0043 -NS -np	ZHANG,Li	Local distortion of silicate perovskite at very high pressure	BL09XU
1998A0070 -NS -np	HARA,Kazuhiro	Nuclear Resonant Scattering ststudy of the Dynamics in Polymer Gels	BL09XU
1998A0086 -ND -np	TAKAHASHI,Masamitu	Structure Analysis of Semiconductor Electrode surfaces by X-ray Standing Wabe Method	BL09XU
1998A0103 -CS -np	NASU,Saburo	Nuclear-Resonance Scattering of Ferromagnetic Amorphous Alloy	BL09XU
1998A0132 -NM -np	KAWADO,Seiji	Detection of very minute strain in silicon by ultra-plane wave x-ray optics	BL09XU
1998A0135 -CS -np	OKANO,Tatsuo	Measurement of Internal Conversion Electrons from Monatomic Layer on Surfaces	BL09XU
1998A0139 -ND -np	SUZUYA,Kentaro	Lattice Dynamical Studies of Fe-based oxide glasses by Nuclear Resonant Inelastic Scattering	BL09XU
1998A0168 -CD -np	TAKAHASHI,Toshio	Structure Analysis of Surfaces and Interfaces by X-ray Diffraction	BL09XU
1998A0169 -CD -np	TAKAHASHI,Toshio	Effect of Multiple Reflection on X-ray Crystal Truncation Rod Scattering	BL09XU
1998A0170 -ND -np	TAKAHASHI,Toshio	Structure Analysis of Surfaces and Interfaces by Fluorescence X-ray Holography	BL09XU
1998A0189 -ND -np	SAITO,Akira	Structural analysis of the (Electrode/Solid State Electrolyte Zirconia) Interface by X-ray standing wave method	BL09XU
1998A0238 -CS -np	KOBAYASHI,Hisao	Magnetic propeties of Tm-compounds studied by Mossbaer spectroscopy under pressure	BL09XU
1998A0268 -CD -np	ANDO,Masami	Nuclear resonant diffraction in nearly perfect synthetic hematite crystals containing various contents of ^{57}Fe	BL09XU
1998A0277 -ND -np	GUPTA,Ajay	Study of vibrational dynamics in transition metal-metalloid, metallic glasses	BL09XU
1998A0300 -CD -np	YODA,Yoshitaka	Nuclear resonant scattering by the nuclei with high transition energy	BL09XU
1998A0037 -CD -np	NAGAI,Takaya	Pressure-induced high spin to low spin transitions of transition metal oxides	BL10XU
1998A0039 -CD -np	NAGATA,Kiyofumi	Structure of Chalcogens under High Pressere	BL10XU
1998A0059 -CD -np	TAKUMI,Masaharu	Structure of Ga_2Se_3 and GaSe Under Hige Pressure	BL10XU

1998A0060 -CD -np	ISHIZUKA,Mamoru	Crystal Structure Analysis of Quasi Two-Dimensional Magnets A_2CuF_4 (A=K, Rb, Cs) under High Pressure at Low Temperature	BL10XU
1998A0084 -CD -np	MORIMOTO,Shotaro	Structure Change of Charge Disproportionate Perovskite Iron Oxide under High Pressure	BL10XU
1998A0087 -ND -np	KAWAMURA,Haruki	Structural Study on One Dimensional Compound NbI_4 at MI-Transition	BL10XU
1998A0088 -CD -np	KAWAMURA,Haruki	Structural Phase Transition of Molecular Solid under High Pressure	BL10XU
1998A0110 -CD -np	TUJI,Kazuhiko	Amorphization from the quenched high pressure phase in III-V compounds	BL10XU
1998A0112 -NOM -np	KATAYAMA,Yoshinori	Density of Liquid Se under High Temperature and High Pressure	BL10XU
1998A0134 -NX -np	ISHII,Masashi	Study of Er local-structure in semiconductor micro-structure	BL10XU
1998A0149 -CD -np	AKAHAMA,Yuichi	Crystal Structure Analyses of Solid Oxygen High-Pressure Phases and Research for Molecular Dissociation	BL10XU
1998A0158 -ND -np	OHISHI,Yasuo	Electron Density Distribution Analysis of Pressure-Induced s-d Transition of Cs by MEM	BL10XU
1998A0166 -ND -np	FUJINO,Kiyoshi	Characterization of the Al-rich phase(s) in the garnet-perovskite phase transformation	BL10XU
1998A0190 -NX -np	KUWAHARA,Yuji	Development of Surface Sensitive X-ray Absorption Fine Structure and its application to Ultra-thin films of Semiconductors	BL10XU
1998A0264 -CD -np	HAMAYA,Nozomu	Structure analysis of tetrahedral-molecular crystal and amorphous at high pressure	BL10XU
1998A0272 -ND -np	SIKKA,S. K.	High Pressure Phase Transitions in Adamantane	BL10XU
1998A0273 -ND -np	SHARMA,Surinder M.	Investigation of pressure induced crystal - crystal phase transformations in α - $AlPO_4$ prior to amorphization	BL10XU
1998A0291 -NX -np	OYANAGI,Hiroyuki	Development of Ultra-high Density Solid State Detector Array for Rapid and Sensitive XAFS	BL10XU
1998A0292 -NX -np	SAINI,Naurang L.	Facility for temperature dependent XAFS at BL10XU	BL10XU
1998A0293 -NX -np	LEE,Chul-Ho	Development of Polarized X-ray Absorption Fine Structure Measurements Using Small Single Crystals	BL10XU
1998A0295 -NX -np	IZUMI,Yasuo	Development of Control Software for the Fluorescence XAFS Measurement System at Beamline XU10	BL10XU
1998A0165 -ND -np	UOSAKI,Kohei	In situ SXS Study of Electrodeposition Process on Electrode	BL14B1
1998A0237 -ND -np	KUSABA,Keiji	Abnormal thermal expansion of FeS under high pressure	BL14B1
1998A0241 -ND -np	YAHI,Takehiko	Development of Drickamer type high pressure apparatus combined with synchrotron radiation	BL14B1
1998A0204 -NS -np	IWAMI,Motohiro	Initial Stage of Metal/SiC Interface Formation by High Resolution Photoemission Spectroscopy	BL25SU
1998A0249 -NS -np	FUJIWARA,Yuji	Study on the magnetism of Gd/Fe and Y/Fe amorphous multilayers via MCD	BL25SU
1998A0252 -NS -np	MARUYAMA,Hiroshi	Study of Electronic States in Ferromagnetic Mn Compounds by Mn $MnL_{2,3}$ edges MCD	BL25SU
1998A0275 -NOS -np	BANERJEE,Alok	Magnetic Circular Dichroism (MCD) in $Li_{0.5}Ni_{0.5}O$ Compound	BL25SU
1998A0285 -CS -np	DAIMON,Hiroshi	Circularly-polarized light photoelectron diffraction	BL25SU
1998A0287 -CS -np	IMADA,Shin	MCD of perovskite-type oxides which show ferromagnetic and metal-insulator transitions	BL25SU
1997B1043 -NS -np	SUGA ,Shigemasa	High resolution, high energy, resonance photoemission spectroscopy of Kondo Ce compounds	BL25SU
1997B1044 -NS -np	SUGA ,Shigemasa	Tuning of high resolution magnetic circular dichroism instruments	BL25SU

1997B1045 -NS -np	BANERJEE,Alok	Magnetic Circular Dichroism (MCD) in Li doped NiO.	BL25SU
1997B1047 -NS -np	OH,Se-Jung	Surface and Interface Magnetism of 3d Transition Metal films Studied by Magnetic Circular Dichroism in Core-level Photoemission	BL25SU
1997B1066 -NS -np	IWAMI,Motohiro	Initial Stage of Metal/SiC Interface Formation by High Resolution Photoemission Spectroscopy	BL25SU
1997B1070 -NS -np	MIYAHARA ,Tsuneaki	Study on the magnetism of alloys and multilayers composed of rare earths and 3d transition metals by means of core excitation	BL25SU
1997B1137 -NS -np	SODA ,Kazuo	Study on the electronic structure of DO3-related (Fe _{1-x} V _x) ₃ Al alloys with use of high-resolution photoelectron spectroscopy and magnetic circular dichroism measurement	BL25SU
1997B1042 -NS -np	SUGA ,Shigemasa	Tuning of 2-dimensional photoelectron spectrometer and SPPED	BL25SU
1998A0028 -NM -np	ISHIGURO,Eiji	Etching of Electronic or Hard Materials	BL27SU
1998A0063 -NM -np	YOSHIDA,Akira	Thin film deposition using synchrotron radiation-induced CVD and ablation	BL27SU
1998A0068 -NM -np	SUZUKI,Isao H.	Performance test of a resonant Auger electron spectrometer for atoms and molecules	BL27SU
1998A0147 -NM -np	KITAMURA,Hideo	Development of the profile monitors for soft X-ray beamlines using with diamond detectors	BL27SU
1998A0160 -NM -np	KOYANO,Inosuke	Performance test of a reflectron-type mass spectrometer for soft X-ray	BL27SU
1997B1059 -NOM -np	OKUYAMA ,Masanori	Thin film deposition,etching and micro fabrication of electronic materials	BL27SU
1998A0072 -NL -np	MOTAMED · EKTESSABI,Ali	Investigation of metal ion distribution in a single cell using SR micro beam	BL39XU
1998A0075 -CL -np	NAKAI,Izumi	Development of total reflection X-ray fluorescence analysis of clinical samples	BL39XU
1998A0092 -NS -np	MIZUMAKI,Masaichiro	The Magnetic Circular Dichroism of Laves phase compounds in hard X-ray region	BL39XU
1998A0127 -NS -np	KOIZUMI,Akihisa	X-ray magnetic circular dichroism on Gd/Fe/Al sputtered multilayer	BL39XU
1998A0136 -ND -np	ITO,Mashisa	Direct observation of orbital magnetic moments of 3d transition metal elements	BL39XU
1998A0137 -CM -np	ITO,Masahisa	Development of a monochromatic beam method of X-ray magnetic diffraction with a phase plate and linear polarizer	BL39XU
1998A0180 -CD -np	HAYASHI,Kouichi	Fluorescent X-ray Holography of Single Crystal	BL39XU
1998A0226 -CM -np	SAKURAI,Kenji	Analysis of interfaces of thin films by total reflection X-ray fluorescence and scattering	BL39XU
1998A0227 -CM -np	SAKURAI,Kenji	Development of high energy resolution detectors for trace chemical characterization	BL39XU
1998A0228 -CS -np	SAKURAI,Kenji	Chemical characterization of ultra trace metals in small liquid drop	BL39XU
1998A0236 -NOM -np	NAKAI,Izumi	Two dimensional elemental mapping and non-destructive characterization of the elements accumulated in biominerals and related environmental specimens	BL39XU
1998A0240 -NS -np	NAMIKAWA,Kazumichi	Study of Electronic States in 3d Transition-Metal Oxides by X-Ray Resonance Magnetic Scattering	BL39XU
1998A0251 -CS -np	MARUYAMA,Hiroshi	MCD Measurement at PtL _{2,3} -Edges in Polarization-Modulation Mode	BL39XU
1998A0253 -CS -np	MARUYAMA,Hiroshi	Multielectron Excited States in Ferromagnetic 3d-Transition Metal Compounds by Magnetic Circular X-ray Dichroism	BL39XU
1998A0254 -ND -np	MARUYAMA,Hiroshi	X-ray Resonant Emission Spectroscopy and Polarization Analysis	BL39XU
1998A0282 -NM -np	WATANABE,Norio	Elemental Analysis Using X-ray Fluorescence Microscope Wolter Mirror	BL39XU

1998A0289 -ND -np	ISIDA,Kohtaro	Study on the ATS Scattering just below the Fe K-absorption Edge	BL39XU
1998A0303 -CM -np	HAYAKAWA,Shinjiro	High resolution x-ray fluorescence spectroscopy and spin selective XAFS	BL39XU
1998A0304 -CM -np	HAYAKAWA,Shinjiro	Chemical state analysis of trace elements with a scanning x-ray microprobe	BL39XU
1998A0002 -CL -np	NISHIDA,Hirokazu	Crystal Structure Analysis of Human High-affinity Receptor for IgE.	BL41XU
1998A0022 -NL -np	TANAKA,Isao	Structure analysis of ribosomal protein L2	BL41XU
1998A0023 -NL -np	NAKAGAWA,Atsushi	X-ray crystal structure analysis of ACC deaminase by MAD phasing	BL41XU
1998A0025 -NL -np	KAI,Yasushi	Structural Analysis of RuBisCO with highest CO ₂ -fixation from <i>Galdieria Partita</i>	BL41XU
1998A0040 -NL -np	YAMANE,Takashi	Structure and function analysis of phospholipase D from <i>Streptomyces</i> origin	BL41XU
1998A0046 -NL -np	SATO,H,Kazuhiko	Crystal structure analysis of photosystem I	BL41XU
1998A0054 -NL -np	HIROTSU,Ken	X-Ray Crystallographic Study of Thermostable Aspartate Aminotransferase	BL41XU
1998A0057 -NL -np	KOUYAMA,Tsutomu	X-ray Crystallography of Bacteriorhodopsin	BL41XU
1998A0058 -NL -np	KOUYAMA,Tsutomu	Crystal Structure Analysis of Light-Harvesting Complex of Photo SystemII (LHC II) by Cryogenic X-ray crystallography	BL41XU
1998A0076 -NL -np	NUREKI,Osamu	Crystal Structure Analysis of Valyl-tRNA Synthetase in a complex with tRNA ^{Val}	BL41XU
1998A0078 -NL -np	NUREKI,Osamu	Crystal Structure Analysis of the complex of <i>Drosophila</i> Sx1 protein and its target RNAs	BL41XU
1998A0096 -NL -np	FUKUYAMA,Keiichi	X-ray crystallographic studies on DNA repair enzymes	BL41XU
1998A0098 -NL -np	TSUKIHARA,Tomitake	X-ray crystallographic analysis of bovine heart cytochrome c oxidase at high resolution	BL41XU
1998A0106 -NL -np	MORIKAWA,Kosuke	Crystallographic Study of G-CSF Receptor Complexed with G-CSF	BL41XU
1998A0107 -NL -np	OKADA,Tetsuji	Crystal Structure Analyses of Bovine Rhodopsin	BL41XU
1998A0115 -NL -np	TUDA,Motoyuki	Structure of Gprotein coupling receptor (rhodopsina)	BL41XU
1998A0118 -CL -np	MORIMOTO,Yukio	Structure of Diol Dehydrase containing Vitamin B12 analogue	BL41XU
1998A0119 -NL -np	PAI,Emil F.	Crystal structure analysis of the N-terminal SH2/SH3/SH2 composite domains of the human Ras-specific GTPase -activating -protein GAP120 complexed to a di- phosphorylated peptide comprising its target sequence at p190	BL41XU
1998A0129 -NL -np	SHIBATA,Naoki	Crystal structure analysis of Hmc	BL41XU
1998A0151 -NL -np	NONAKA,Takamasa	Crystal structure analyses of bullfrog egg lectin at atomic resolution	BL41XU
1998A0175 -NL -np	HATA,Yasuo	X-ray Crystal Structure Analysis of Desulfur Enzyme	BL41XU
1998A0176 -CL -np	MIKI,Kunio	Evaluation of Performance of the Bio-Crystallography Beamline by Means of Refinement of High-Resolution Crystal Structure	BL41XU
1998A0177 -NL -np	MIKI,Kunio	Studies on Structure-Function Relationship of Means of X-ray Crvstallography	BL41XU
1998A0182 -NL -np	YUTANI,Katushide	X-ray Structural Analyses for a Series of Mutant Human Lysozymes	BL41XU
1998A0184 -NL -np	MATSUJURA,Yoshiki	X-ray Structure Analysis of Malto-oligosyl trehalose Synthase	BL41XU

1998A0186 -NL -np	YAMAGATA, Yuriko	Structural basis for the control of antigen-antibody reaction	BL41XU
1998A0210 -NL -np	KAMIYA, Nobuo	Time-Resolved Crystal Structure Analysis of Photoreactive Nitrate Hydratase with Large-Angle Oscillation Technique	BL41XU
1998A0218 -NL -np	KATAYANAGI, Katsuo	The flexibility of protein molecule in terms of the crystallography of DHFR mutants	BL41XU
1998A0222 -NL -np	KAMIYA, Nobuo	MIRAS Crystal Structure Analysis of Aleuria Aurantia Lectin with the Automatic Diffractometer	BL41XU
1998A0223 -NL -np	KAMIYA, Nobuo	SIRAS phase determination of pressurized-Xe protein crystals with high-energy X-rays	BL41XU
1998A0244 -NL -np	TANOKURA, Masaru	Protein crystallography of acid proteinase A from <i>Aspergillus niger</i> var. macrosporus and Calcium-dependent Inhibitory Factor	BL41XU
1998A0246 -NL -np	UCHIDA, Akira	Crystal Structure Analysis of Water-Soluble Chlorophyll Protein from <i>Raphanus Stivus</i> var. hortensis	BL41XU
1998A0260 -NL -np	HIGUCHI, Yoshiki	X-ray structure analysis of hydrogenase at high resolution	BL41XU
1998A0262 -NL -np	KURISU, Genji	Structure analysis of a complex between Ferredoxin and FNR	BL41XU
1998A0283 -CL -np	NAMBA, Keiichi	Structure analysis of bacterial flagellar filament by X-ray fiber diffraction	BL41XU
1998A0284 -NL -np	IMADA, Katsumi	Protein Crystallographic studies of flagellar HAP2 and F41 k fragment of flagellin	BL41XU
1998A0286 -NL -np	YAMASHITA, Eiki	Crystal structure analysis of 20S proteasome from bovine liver	BL41XU
1998A0296 -NL -np	ODA, Toshiro	X-ray fiber diffraction from well oriented sols of native thin filament and F-actin	BL41XU
1998A0297 -CL -np	TANAKA, Nobuo	Heat stability tactics of enzymes from the view of structure	BL41XU
1998A0014 -NL -np	SASAKI, Yuji	Time-resolved tracking x-ray diffraction method for observing noncrystallized biomaterials.	BL44B2
1998A0061 -NL -np	HAO, Quan	Extracting Phase Information from Laue Diffraction Data	BL44B2
1998A0116 -NL -np	MORIMOTO, Yukio	Evaluation of Laue diffraction data from the crystal of FMN binding protein	BL44B2
1998A0150 -NL -np	NONAKA, Takamasa	Analyses of reactive mechanism of 7 α -hydroxysteroid dehydrogenase by time-resolved	BL44B2
1998A0191 -NL -np	MORIMOTO, Hideki	X-ray Crystallographic Analysis of the Structure Change of Hemoglobin	BL44B2
1998A0192 -NL -np	MORIMOTO, Hideki	X-ray Crystallographic Analysis of the Evolution of Vertebrate Hemoglobins	BL44B2
1998A0203 -NL -np	YAMGUCHI, Hiroshi	Preliminary study for time resolved crystallographic analysis of adenylate kinase	BL44B2
1998A0211 -NL -np	KAWANO, Yoshiaki	Time-Resolved Crystal Structure Analysis of Photoreactive Nitrate Hydratase with Laue Diffraction Technique	BL44B2
1998A0221 -NL -np	KOYAMA, Tutomu	X-ray crystallographic study of bacteriorhodopsin's reaction intermediates by the time-resolved Laue method	BL44B2
1998A0011 -NL -np	IWAMOTO, Hiroyuki	Detection of small structural changes of proteins labeled with a high electron-density marker	BL45XU
1998A0089 -CL -np	YAGI, Naoto	Test of small-angle beamline for X-ray diffraction experiments on skeletal muscle	BL45XU
1998A0102 -CL -np	INOKO, Yoji	X-ray Solution Scattering of Biological Supramolecules on an Undulator Radiation Source	BL45XU
1998A0172 -ND -np	JINNAI, Hiroshi	Influence of molecular architecture on determination of the Flory interaction parameters	BL45XU
1998A0183 -ND -np	SUDO, Kazufuyu	Characterization about the structure of various emulsion particles by using small angle X-ray scattering method	BL45XU

1998A0188 -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
1998A0196 -NL -np	SUGA,Hiroyuki	An X-ray diffraction study on rat cardiac muscles	BL45XU
1998A0113 -NM -np	SUZUKI,Masayo	The Behaviour of Ionization Chambers under the Irradiation of Highly Brilliant X-ray Beam	BL47XU
1998A0141 -NM -np	BARON,Alfred	Speckle Without The Pinhole	BL47XU
1998A0161 -NM -np	KOHMURA,Yoshiki	emittance measurement using crystal optics	BL47XU
1998A0162 -NM -np	KOHMURA,Yoshiki	evaluation of X-ray bubble lens	BL47XU
1998A0164 -NL -np	YAMASAKI,Katsuhito	Refraction-contrast imaging of a mouse	BL4 / XU
1998A0178 -NM -np	KIHARA,Hiroshi	Feasibility Study on Microimaging with Phase Zone Plates at 3 keV	BL47XU
1998A0259 -NM -np	MIYAJI,Hideki	Characterization of zone plate for focusing x-ray	BL47XU

Proposal List of Contract Beamline Experiments in 1998A

Proposal No.	Proposal Leader	Title of Experiment	Beamline No.
C98A24XU-001N	TSUSAKA,Yoshiyuki	Development of High Resolution X-ray Imaging by the Refraction Contrast Method	BL24XU
C98A24XU-004N	KATSUYA,Yoshio	Evaluation of Biocrystallography Experimental Hutch of Hyogo Beamline (BL24XU)	BL24XU
C98A24XU-033N	NAKAYAMA,Takenori	Mechanistic Study on Environmental Embrittlement of Structural Materials using Synchrotron Radiation	BL24XU
C98A24XU-037N	IZUMI,Kouichi	Development of the technique for characterizing electronic materials by phase contrast imaging	BL24XU
C98A24XU-040N	KATOH,Takeo	Study on the surface layer of the silicon wafers	BL24XU
C98A24XU-041N	TANI,Katsuhiko	Topographic Observation of the Structure of Micro-actuator	BL24XU
C98A24XU-044N	YAMASAKI,Katsuhito	Refraction Imaging of Mouse and Rat	BL24XU