

# List of Proposals

Proposal Number	Spokesperson	Title
2002S2-001	ITAI Yuji Univ. of Tsukuba	In vivo observation of live objects by phase-contrast imaging using separate x-ray interferometer
2002S2-002	OSHIMA Masaharu Univ. of Tokyo	High-resolution photoelectron spectroscopy of semiconductor/nanostructures
2002S2-003	SAKURAI Kenji Natl. Inst. for Mater. Sci.	In-situ X-ray fluorescence imaging with quick feedback capability
2002U001	HORIKOSHI Masami JST	Structure analysis of CCG1 interacting factor A (CIA)
2002U002	XIA Zongxiang Shanghai Inst. of Organic Chem.	High resolution structures of trichomaglin, the complexes of methanol dehydrogenase with primary alcohols and of $\alpha$ -amylase with tripeptides
2002U003	IWAZUMI Toshiaki KEK-PF	X-ray Spectroscopic Study on Photo-Induced Phase Transition of SrTiO <sub>3</sub>
2002G001	KENNEDY Brendan James Univ. of Sydney, Australia	L-edge XANES Studies of Ruthenium Oxides
2002G002	HIKOSAKA Yasumasa KEK-PF	Molecular double photoionization studied by threshold photoelectron-photoelectron coincidence spectroscopy
2002G003	SOEJIMA Kouichi Niigata Univ.	Study of electron correlation with observing chiral electron pairs
2002G004	MIYAHARA Tsuneaki Tokyo Metropolitan Univ.	Search for multi-photon/nonlinear effects in the soft-x-ray region
2002G005	MIMURA Kojiro Osaka Pref. Univ.	Temperature-Dependent Eu 4f Spectra of EuPd <sub>2</sub> S <sub>2</sub> Probed by High-Resolution Photoemission Spectroscopy
2002G006	MARUYAMA Koichi Gakushuin Univ.	Soft x-ray MCD (Magnetic circular dichroism) of Transition Metal Electrodeposited Films
2002G007	MIYAHARA Tsuneaki Tokyo Metropolitan Univ.	Study on magnetism by measuring MCD for resonant x-ray emission
2002G008	SATO Hitoshi Hiroshima Univ.	Study on electronic structure of YbXCu <sub>4</sub> (X=In,Cd,Mg,Zn,Sn) by means of high-resolution photoemission spectroscopy
2002G009	OZAWA Kenichi Tokyo Inst. of Tech.	Valence band structures of the clean and alkali-metal absorbed ZnO(10 $\bar{1}$ 0) surfaces
2002G010	UKAI Masatoshi Tokyo Univ. of Agri. & Tech.	X-ray fluorescence study for the ultra-fast dissociation of inner-shell-excited light-atom molecules –Performance test of the spectrometer–
2002G011	AKAHAMA Yuichi Himeji Inst. of Tech.	VUV spectroscopy and photochemistry of condensed oxygen under high pressure
2002G012	ONO Kanta Univ. of Tokyo	Exchange coupling between an antiferromagnetic layer and a ferromagnetic layer in spin-valve system studied by PEEM
2002G013	MATSUMOTO Isao KEK-PF	Fermi surface of UMAI (M=Ni,Co)
2002G014	MATSUMOTO Isao KEK-PF	Fermi surface geometry and ordering phenomena in Pd-M (M=Fe,Cr,Mn)
2002G015	SAITOH Tomohiko KEK-PF	Systematics of the electronic structure of the double perovskites studied by photoemission spectroscopy
2002G016	SAITOH Tomohiko KEK-PF	Electronic structure of the layered Mn oxides probed by angle-resolved photoemission spectroscopy
2002G017	KUMIGASHIRA Hiroshi Univ. of Tokyo	Fermi-surface topology of low dimensional materials studied by high-resolution angle-resolved photoemission
2002G018	OKUDA Taichi Univ. of Tokyo	Photoemission study of ErSi <sub>2</sub> nanowire
2002G019	OKUDA Taichi Univ. of Tokyo	Magnetic domain observation of Cr(001) surface with photoelectron emission microscopy
2002G020	ISHII Hiroyoshi Tokyo Metropolitan Univ.	Resonant Photoemission Spectroscopy of Filled Skutterudite Compounds
2002G021	ADACHI Junichi KEK-PF	Vibrational effects in core-level photoionization in the shape resonances of CO and CO <sub>2</sub>
2002G022	TAKEUCHI Tsunehiro Nagoya Univ.	Soft x-ray spectroscopy of the perovskite manganites
2002G023	OZAWA Shuichi RIKEN	Isotope Shift Measurement for Highly Charged Ions with Synchrotron Radiation
2002G024	MASE Kazuhiko KEK-PF	Development of high-resolution high-sensitivity photoelectron-Auger electron spectroscopy
2002G025	KAWATA Hiroshi KEK-PF	Development of the measuring system of 3-dimensional electron momentum density by means of (X,eX) coincidence technique
2002G026	SUZUKI Takuya Univ. of Kitakyushu	Soft X-ray Emission Spectroscopy of organic electro-luminescence materials
2002G027	FUJIMORI Atsushi Univ. of Tokyo	Photoemission study of ZnO doped with transition-metal ions
2002G028	NOZUE Yasuo Osaka Univ.	Soft X-ray absorption spectroscopy of alkali metal clusters stabilized in zeolite crystals
2002G029	MATSUDA Iwao Univ. of Tokyo	The study of electronic structure of Sn or Ga adsorbed Si(111) surface

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2002G030	KISHIMOTO Shunji KEK-PF	Observation of NEET with an APD electron detector and estimation of the NEET probability
2002G031	IWAZUMI Toshiaki KEK-PF	Magnetic Linear Dichroism of X-ray Emission Spectrum
2002G032	SEKIGUCHI Tetsuhiro JAERI	Observation of photon-stimulated-desorption ion-angular-distribution (PSDIAD) from adsorbed simple molecules
2002G033	YOSHIKAWA Masayuki Univ. of Tsukuba	Absolute calibration experiments for VUV and SX spectrographs
2002G034	OKANO Tatsuo Univ. of Tokyo	Measurement of dynamical property of physisorbed molecular phase measured by nuclear resonant X-ray scattering and conversion electron spectroscopy
2002G035	FUKUDA Yasuo Shizuoka Univ.	Studies on structures of GaP(001) and InP(001) surfaces, and on In(Ga) atomic wires
2002G036	EDAMOTO Kazuyuki Tokyo Inst. of Tech.	Angle-resolved photoemission study of suboxide overlayers formed on transition metal carbides
2002G037	TOKANAI Fuyuki Yamagata Univ.	Development of Cosmic X-ray Polarimeter with a Capillary Plate
2002G038	KITAMOTO Shunji Rikkyo Univ.	X-ray Transmission Measurement of Optical Blocking Filters for a X-ray CCD Camera onboard ASTRO-E II
2002G039	SAWA Hiroshi KEK-PF	Structural study of frustrations and tetramerization for the superconductor pyrochlore oxide $Cd_2Re_2O_7$
2002G040	KOBAYASHI Hisao Tohoku Univ.	Elastic nuclear resonant scattering of charge ordered $Eu_4As_3$ compound high pressure
2002G041	KITAGAWA Hiroshi Univ. of Tsukuba	Resonance X-ray scattering of field-induced orbital orderings in $Ni_2(dta)_4I$
2002G042	ISHIZAWA Nobuo Tokyo Inst. of Tech.	Charge density distribution and its temperature dependence of inorganic sulfides with lone pair electrons
2002G043	TAKAHASHI Isao Kwansei Gakuin Univ.	Relationship between interface structure and electrical properties on oxynitrate ultra-thin films on Si(100)
2002G044	NAGAI Takaya Osaka Univ.	Crystal structure of silicate perovskites and their stability under lower mantle conditions
2002G045	TAKAHASHI Eiichi Tokyo Inst. of Tech.	Phase relations and physical properties of subducted oceanic crust in the lower mantle
2002G046	FUKAMACHI Tomoe Saitama Inst. of Tech.	Study of crystal perfection and structure analysis used by X-ray resonant dynamical effect
2002G048	FUNAMORI Nobumasa Univ. of Tokyo	Pressure-induced structural transformation in $CaSiO_3$ melt
2002G049	TSUJI Kazuhiko Keio Univ.	Structure of liquid III-V and II-VI compounds under pressure
2002G050	YAGI Takehiko Univ. of Tokyo	Behavior of iron oxides under core-mantle condition
2002G051	YAGI Takehiko Univ. of Tokyo	Development of opposed-anvil type high pressure-temperature X-ray apparatus using sintered diamond
2002G052	TANAKA Keisuke Nagoya Univ.	Fatigue Damage Detection in Metal Matrix Composites by Microbeam X-Ray Diffraction
2002G053	YAMAGUCHI Hirotaka AIST	X-ray topographic study of silicon carbide
2002G054	KUWAHARA Keitaro Tokyo Metropolitan Univ.	Magnetic structure and lattice distortion of $GdB_6$
2002G055	VANPETEGHEM Carine B. Tohoku Univ.	Equation of state of the lower mantle hydrous phases and aluminous silicates
2002G056	SUGIYAMA Kazumasa Univ. of Tokyo	Environmental Structural Analysis of Al-Co based Approximants by Anomalous X-ray Scattering
2002G057	SUGIYAMA Kazumasa Univ. of Tokyo	Structural Analysis of Piemontites by Anomalous X-ray diffraction
2002G059	UOSAKI Kohei Hokkaido Univ.	In situ Monitoring of Supermolecule Structures Formed on Single Crystal Metal Electrodes
2002G060	FUJIIWARA Akihiko JAIST	Study on lattice and charge ordering in $(La,Nd,Sr)_2(Cu,Zn)O_4$
2002G061	TSUJI Kazuhiko Keio Univ.	Pressure-induced phase transition in III-V and II-VI compounds at low temperatures
2002G062	SHIMURA Takayoshi Osaka Univ.	The Study of Oxidation and Degradation of $SiO_2$ layers on/in Si in terms of the Ordered Structure
2002G063	OHTAKA Osamu Osaka Univ.	Kawai-type compression using polycrystalline SiC-Diamond anvils prepared by HIP method
2002G064	UTSUMI Michiaki Tokai Univ.	The Analysis of the Metal-Hydride System by the Maximum Entropy Method
2002G065	FUJIOKA Hiroshi Univ. of Tokyo	Effect of the local strain at the AlGaIn/GaN hetero-structure on the device characteristics
2002G066	SASAKI Satoshi Tokyo Inst. of Tech.	Crystal Structure of Low-Temperature Phase of $CuI_2S_4$ and Charge Ordering Scheme
2002G067	KOBAYASHI Mototada Himeji Inst. of Tech.	Synthesis of Li,Na and Mg fullerides under pressure and their x-ray diffraction

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2002G068	WATANABE Yasuhiro Univ. of Tokyo	Structural analysis of quasicrystalline Cd-Yd and Al-Pd-Ru systems by using anomalous X-ray scattering
2002G069	OGATA Hironori Hosei Univ.	Structure analysis of molecular coordinated alkali-fullerene-derivative compounds
2002G070	OKADA Yasumasa KEK-PF	Precision measurements of uniformity of lattice parameter with high impurity concentration in large near perfect crystals
2002G071	KISHIMOTO Shunji KEK-PF	Improvement on energy resolution and efficiency for a silicon APD detector system
2002G072	HIRAI Hisako Univ. of Tsukuba	Experimental verification of transition from Li-graphite intercalation compound to Li-bearing diamond under high pressure
2002G073	FUJIMOTO Hiroyuki AIST	Precision measurement of Mossbauer wavelengths
2002G074	YASHIMA Masatomo Tokyo Inst. of Tech.	Fabrication of heating apparatus for high-temperature synchrotron powder diffraction
2002G075	SATO Hiromi RIKEN	Development of Superconducting Detectors for UV-to-X-ray Spectroscopy
2002G076	OHKUBO Masataka AIST	Investigation on nonequilibrium state in superconducting radiation detectors
2002G077	TAKAHASHI Hiroyuki Univ. of Tokyo	Development of a high-energy-resolution TES X-ray spectrometer
2002G078	TASHIRO Kohji Osaka Univ.	Time-resolved Measurement of Structural Changes in Crystallization and Solid-State Phase Transitions of Crystalline Polymers
2002G079	NASU Toshio Yamagata Univ.	XAFS study on local structural change of Cu <sub>33</sub> Zr <sub>67</sub> alloys during cyclic transformation from crystal to amorphous phase by ball-milling
2002G080	OKAMOTO Yoshihiro JAERI	The observation of reactions and studying data analysis in high-temperature liquid XAFS
2002G081	HARADA Masafumi Nara Woman's Univ.	Structural Change of Emulsions in Forming of Metal Colloids in the Emulsions
2002G082	SHIMADA Nobutaka Kyushu Univ.	Trace element analyses of electrum from the Hishikari gold deposit by SR-XRF
2002G083	MATSUURA Makoto Miyagi Natl. Coll. of Tech.	Study of the bonding state of protium in hydrogen absorption alloys from the measurement of root mean square displacement
2002G084	UENO Satoru Hiroshima Univ.	Study for ultrasonic stimulation effect on promotion of crystallization of triacylglycerols
2002G085	HASHIMOTO Takeji Kyoto Univ.	Microdomain Structures of Block Copolymers Developed via Ordering under Moving Temperature Gradient
2002G086	UENO Satoru Hiroshima Univ.	Crystallization process of oil phase on oil-water interface in O/W emulsion system
2002G087	NISHIKAWA Keiko Chiba Univ.	Study on Mixing State of Organic Compounds in Supercritical Water
2002G088	OFUCHI Hironori Nagoya Univ.	Analysis of local structures around Co atoms doped in TiO <sub>2</sub> by fluorescence XAFS
2002G089	TABUCHI Masao Nagoya Univ.	Investigation of segregation in Group-III nitride semiconductors by X-ray excited photoluminescence EXAFS
2002G090	AKABORI Mitsuo JAERI	Studies on structure and chemical state of MA compounds by X-ray Absorption Spectroscopy
2002G091	AMEMIYA Yoshiyuki Univ. of Tokyo	Microbeam SAXS/WAXS study for crystallization of alkanes in oil-in-water (O/W) emulsion system by laser trap method
2002G092	SAKURAI Masaki Tohoku Univ.	Local structure analysis of Ge-Te amorphous alloys at glass transition temperature
2002G093	IWASAWA Yasuhiro Univ. of Tokyo	In situ polarized total reflection fluorescence XAFS study on three dimensional structure of vanadium species on single crystal oxide surfaces
2002G094	HARA Kazuhiro Kyushu Univ.	Study on a mesoscopic structure of a trehalose-added hydrogel and its change by dehydration
2002G095	NOJIMA Shuichi Tokyo Inst. of Tech.	Crystallization Behavior of Polyethylene-Poly ( $\epsilon$ -caprolactone) Diblock Copolymers
2002G097	SHISHIDO Tetsuya Hiroshima Univ.	Structural analysis of highly dispersed iron and manganese oxides supported on mesoporous silica
2002G098	NAKATA Shinichi Akita Univ.	XAFS analysis of catalytic active sites of Mo-titania catalysts prepared by pH swing method
2002G099	HAYASHI Kenichiro Tohoku Univ.	Chemical analysis of fluid inclusions by synchrotron radiation
2002G100	YAMAGUCHI Aritomo Science Univ. of Tokyo	EXAFS study for polymer-metal complex as material of electrode catalyst
2002G101	MUROGA Yoshio Nagoya Univ.	Local Structures of Nonionic Polypeptides in the Conformational Transition Regions
2002G102	KANEDA Kiyotomi Osaka Univ.	XAFS Study on Isomorphic Substitution of Metal Cations within Layered-Clay Compounds
2002G103	OKUDAIRA Koji IMS	Photodegradation by Inner-shell Excitation of Organic Thin Films Studied by Coincidence Spectroscopy
2002G104	HARADA Masafumi Nara Woman's Univ.	Structural Change of Surfactants in Forming of Metal Colloids in the Emulsions

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2002G105	ISHIYAMA Shintaro JAERI	Structural Analysis on New Ionic Conductive Materials
2002G106	TAKIUE Takanori Kyushu Univ.	Direct determination of the preferential adsorption of bromide ions in the mixed adsorbed films
2002G108	TAKENAKA Sakae Tokyo Inst. of Tech.	Structural analysis of added metal ions in iron oxides
2002G109	OYANAGI Hiroyuki AIST	Local lattice anomalies in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> studied by X-ray absorption spectroscopy
2002G110	OYANAGI Hiroyuki AIST	Photoinduced structural change studied by X-ray absorption spectroscopy
2002G111	IWAZUMI Toshiaki KEK-PF	The chemical state analysis of environmental samples adapting X-ray emission spectroscopy
2002G112	NOMURA Masaharu KEK-PF	In Situ XAFS Studies of the Hydrothermal Syntheses Process
2002G113	MIKOUCHI Takashi Univ. of Tokyo	The determination of Fe <sup>3+</sup> /ΣFe ratio amphibole minerals in the martian meteorites by XANES
2002G114	MASE Kazuhiko KEK-PF	Study of ion desorption of molecules chemisorbed on semiconductor or metal single crystals by using electron-ion coincidence spectroscopy
2002G116	ICHIKUNI Nobuyuki Chiba Univ.	In-situ XAFS analysis on the transformation process of the supported carbide catalyst
2002G117	TAKESHITA Hiroki Nagaoka Univ. of Tech.	Structure formation in the gelation process of aqueous solutions of cellulose derivatives
2002G118	HAGA Nobuhiko Himeji Inst. of Tech.	The study of the hot spring products through the SR-XRF method
2002G119	URAKAWA Hiroshi Kyoto Inst. of Tech.	Characterization of Functional Polysaccharide by Regioselective Chemical Modification
2002G120	SHIOMI Tomoo Nagaoka Univ. of Tech.	Higher-order structure formation by combination between phase separation and crystallization for polymer blends containing block copolymers
2002G121	KOBAYASHI Eiichi AIST	Development of electron angle-resolved-ion coincidence spectroscopy and its application for surface chemical reaction
2002G123	NAKAHIRA Atsushi Kyoto Inst. of Tech.	Structural analysis of Ga-substituted mordenite catalysts by XAFS
2002G124	OHTSUKA Yasuo Tohoku Univ.	XANES study on chlorine in carbonaceous materials
2002G126	IMAMURA Motoyasu AIST	Precise estimation of the effective attenuation length of the electrons in the films on the silicon
2002G127	KUDO Akihiko Science Univ. of Tokyo	Determination of local structure and oxidation number of dopants contributing to visible-light-response of photocatalysts
2002G130	TANIDA Hajime JASRI	Study on Solvation Structure of Cl <sup>-</sup> in Various Solvents by XAFS
2002G131	KITAJIMA Fumio Kyushu Univ.	A study of the aqueous alteration and thermal metamorphism of carbonaceous matter in carbonaceous chondrites by means of XAFS spectroscopy
2002G133	NUMAKO Chiya Univ. of Tokushima	XAFS analysis for some organic materials and amorphous precursor related to biogenic magnetite formation
2002G134	SATO Koichi JST	EXAFS and XPS analysis of the migration of Mo species on zeolite catalysts
2002G135	TAKANISHI Yoichi Tokyo Inst. of Tech.	2 Dimensional Analysis of Local Layer Structure in Novel Chiral Smectic Liquid Crystals
2002G136	ANDO Masami KEK-PF	Development of X-Ray Dark Field Optics 'Owl' for Imaging and Its Application
2002G137	MOMOSE Atsushi Univ. of Tokyo	Development of soft x-ray interferometer
2002G138	FUJIMOTO Zui Natl. Inst. of Agrobiol. Sci.	Structural analysis of p30, a CAP family protein from snake venom Habu
2002G139	UNNO Masaki Tohoku Univ.	Structural determination of the reaction intermediates of Heme Oxygenase
2002G140	TADA Toshiji Osaka Pref. Univ.	Structure analysis of chloroplastic ascorbate peroxidase at high resolution
2002G141	TSUGE Hideaki Tokushima Bunri Univ.	Crystallographic Study of <i>Clostridium perfringens</i> Iota-toxin
2002G142	SUGANO Yasushi Tokyo Inst. of Tech.	Crystallography of de novo peroxidase-like enzyme (DyP)
2002G143	HATA Yasuo Kyoto Univ.	Crystallographic Analyses of Complexed Structures and Reaction Mechanism of Aspartase
2002G144	YUAN Hanna S. Academia Sinica, Taiwan	Crystallographic study of a nuclease from <i>Vibrio vulnificus</i> by the MAD method
2002G145	HIROKAWA Nobutaka Univ. of Tokyo	X-ray crystallography of the single-headed motor, KIF1A
2002G146	MIYAHARA Ikuko Osaka City Univ.	X-ray crystallographic study of arginino succinate synthase
2002G147	TSUMOTO Kohei Tohoku Univ.	Elucidation of specific recognition mechanism of immune system based on structural analyses

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2002G148	KOBAYASHI Yuji Osaka Univ.	X-ray analysis of peptides related to HIV infection
2002G149	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of vesicular budding mechanism regulated by GGA1
2002G150	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of interaction mechanism between adapter protein $\gamma$ -ear domain and clathrin
2002G151	TANOKURA Masaru Univ. of Tokyo	X-ray crystallography of urease PH0987 from <i>Pyrococcus horikoshii</i>
2002G152	TANOKURA Masaru Univ. of Tokyo	The crystal structure of peptide deformylase from <i>Thermus thermophilus</i> HB8
2002G153	SAKABE Noriyoshi KEK	Further improvement of Galaxy data-collection and data-process system and finding new applications
2002G154	SASAKI Kyoyu Kyoto Univ.	Optimization of galaxy data-collection and data processing system at BL6C
2002G155	WANG Andrew H.-J. Academia Sinica, Taiwan	Structural determination of (1) phospholipase A1 and (2) a series of Sac7d mutants by MAD and MIR methods
2002G156	HAKOSHIMA Toshio Nara Inst. of Sci. & Tech.	Structural studies on the molecular recognition of the ERM protein, radixin
2002G157	HIEDA Kotaro Rikkyo Univ.	Photon energy dependence (2-20keV) of in vitro mutagenesis
2002G159	TOKUMORI Kenji Kyushu Univ.	Development of a monochromatic x-ray CT using CCD sensor
2002G160	TANAKA Etsuro Tokai Univ.	Analysis of microvessels created with angiogenic therapy by using synchrotron radiation microangiography
2002G162	HIRAI Mitsuhiro Gunma Univ.	Functional structure and activity control of protein-entrapped microemulsion as a specific-affinity microreactor
2002G163	HYODO Kazuyuki KEK-PF	Development of mammography system using an X-ray dark field optics
2002G164	INAGAKI Fuyuhiko Hokkaido Univ.	Structural studies on the regulational mechanism of phagocyte oxidation system
2002G165	TAKAKURA Kaoru International Christian Univ.	Molecular Mechanism of UV-Induced Damage on Cultured Human Cells
2002G166	TOYOFUKU Fukai Kyushu Univ.	Monochromatic x-ray stereoscopic imaging using a double-focus fluorescent x-ray source
2002G167	INOUE Shunichi Natl. Inst. of Agrobiol. Sci.	Micro beam X-ray scattering of silk thread spun by younger instar <i>Bombyx mori</i> larvae
2002G168	SAKAKIBARA Yuzuru Univ. of Tsukuba	Synchrotron radiation microangiography for evaluating peripheral circulation of the extremity
2002G169	KATAOKA Mikio Nara Inst. of Sci. & Tech.	Identification of the interaction modules by the systematic mutation of alanine insertion
2002G170	MATSUOKA Shinji Sapporo Medical Univ.	Formation mechanism of glycosignaling domains in biomembranes containing ganglioside GM3
2002G171	KOZONO Haruo Science Univ. of Tokyo	Does Conformational Change occur at peptide exchange reaction of major histocompatibility complex antigen?
2002G172	IDE Ari Kyoto Univ.	Basic Research on Human Neurodegeneration -Case of CDJ and AD-
2002G174	AIURA Yoshihiro AIST	Photoemission study of $(\text{Ca}/\text{Sr})_3\text{Ru}_2\text{O}_7$
2002G175	HIGUCHI Tohru Science Univ. of Tokyo	Electronic structure of Kondo insulator $\text{SmB}_6$ by Soft-X-ray Emission Spectroscopy
2002G176	MITSUKE Koichiro IMS	Bond-selected photodissociation of a vibrationally excited molecule using combination of synchrotron radiation and laser
2002G177	MURAKAMI Eigoro Chiba Inst. of Tech.	Resonant Raman scattering of molecules using threshold electron spectroscopy
2002G178	SATO Hitoshi Hiroshima Univ.	Study on electronic structure of $(\text{La}_{1-x}\text{Ca}_x\text{O})\text{Cu}_{1-x}\text{Ni}_x\text{S}$ ( $0 < x < 0.15$ ) by means of soft x-ray emission spectroscopy
2002G179	SAKISAKA Yasuo Hirosaki Univ.	Resonant photoemission study of the $^1\text{S}$ term of the d8 valence-band satellite in Ni
2002G180	KATO Hiroo Hirosaki Univ.	Angle-resolved Photoemission Study of the Epitaxial La and Ce Films on W(110)
2002G181	IWAZUMI Toshiaki KEK-PF	Polarization Dependence of X-ray Emission Spectrum of Lanthanoid Element
2002G182	KINOSHITA Toyohiko Univ. of Tokyo	Study of the interfaces of ferro- and anti-ferromagnetic thin films on anti-ferromagnetic substrate by photoelectron emission microscope
2002G184	ARITA Masashi Hiroshima Univ.	Electronic structure of $\text{Y}_{1-x}\text{Ca}_x\text{TiO}_3$ investigated by soft x-ray emission spectroscopy
2002G185	ISHII Hiroyoshi Tokyo Metropolitan Univ.	Photoemission Spectroscopy of Single-Wall Carbon Nanotubes
2002G186	NANA O Susumu Univ. of Tokyo	Angular dependence of quadrupolar contribution of x-ray emission MCD at the rare-earth-L-edges



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2002G187	YAMADA Nobuyoshi Univ. of Electro-Communications	Study on electronic density of states in superconducting dibrorides by soft x-ray absorption and emission spectroscopy
2002G188	SHIOTANI Nobuhiro KEK-PF	Fermi surface geometry and generalized susceptibility
2002G189	ITAKURA Masaru Kyushu Univ.	Simultaneous Measurement of XANES spectra and XRD patterns under High Pressures using an Asymmetrical Diamond Anvil Cell
2002G190	HASEGAWA Yukio Univ. of Tokyo	Surface states on Pd thin films formed on Cu(111) and Au(111) Surfaces
2002G191	KOIDE Tsuneharu KEK-PF	Angle-Resolved Magnetic Circular and Configuration-Dependent Magnetic Linear X-ray Dichroisms in Highly Correlated Electron Compounds
2002G192	KONO Shozo Tohoku Univ.	Structural analysis of heterocyclic compounds adsorbed on Si(001) surface by photoelectron diffraction
2002G193	YOSHIKAWA Ichiro Inst. of Space and Astro. Sci.	Development of the EUV imagers for planetary missions
2002G194	IWAMI Motohiro Okayama Univ.	Study of electronic states at interface for metal/SiC contact system by soft X-ray fluorescence spectroscopy
2002G195	SAKURAI Hiroshi Gunma Univ.	Development of measuring magnetic Compton profile under X-ray total reflection
2002G196	HAYAISHI Tatsuji Univ. of Tsukuba	Development of coincidence spectroscopy with ions and electrons using a toroidal electron spectrometer
2002G197	AKIMOTO Koichi Nagoya Univ.	Lattice strains at the interface between insulators and semiconductors
2002G198	HASHIMOTO Takuya Nihon Univ.	Analysis of crystal structure of $\text{La}_{1-x}\text{Ae}_x\text{CrO}_3$ (Ae=Ca,Sr) for interconnect of solid oxide fuel cells
2002G199	YAMANAKA Takamitsu Osaka Univ.	Single-crystal structure analysis of $\text{MgSiO}_3$ perovskite and $\gamma\text{-SiO}_2$ stichovite under high pressures of 20-50GPa
2002G200	SHIMURA Takayoshi Osaka Univ.	Characterization of SOI Wafers by X-ray Topography
2002G201	KUBOZONO Yoshihiro IMS	Structures of metal endohedral fullerenes and metal-doped metal-endohedral fullerenes under high pressure and temperature
2002G202	SEKINE Chihiro Muroran Inst. of Tech.	Structural change with metal-insulator transition of filled skutterudite-type compound $\text{PrRu}_4\text{P}_{12}$
2002G203	SHIROTANI Ichimin Muroran Inst. of Tech.	Bulk modulus and thermal conductivity of filled skutterudite-type compound
2002G204	TAKENAKA Mikihito Kyoto Univ.	Study on pressure-induced super lattice structures of polymer alloys
2002G205	WATANABE Norio Univ. of Tsukuba	Development of a Phase-Contrast Hard X-Ray Microscope with a Zone Plate
2002G206	AOKI Sadao Univ. of Tsukuba	3D Elemental Analysis using an X-Ray Fluorescence Microscope with a Wolter Mirror
2002G207	HASHIZUME Hiroo Nara Inst. of Sci. & Tech.	Correlation between interface roughness and magnetoresistances in Co/Cu multilayers
2002G208	FUKAI Yuh Chuo Univ.	Superabundant vacancy formation and isotope-mixture effect in metal-hydrogen alloys
2002G209	ONO Fumihisa Okayama Univ.	X-ray diffraction of Fe-Pt Invar alloy under high pressure and low temperature
2002G210	NAGAI Takaya Osaka Univ.	Crystal structure of the ilmenite-type oxide with 3d transition metals under high pressure
2002G211	ISHIDA Kohtaro Science Univ. of Tokyo	Study on M-I transition in $\text{Ni}(\text{S,Se})_2$ by X-ray powder diffraction method
2002G212	SOEJIMA Yuji Kyushu Univ.	Local structure determination of TeSe by means of X-ray anomalous dispersion method
2002G213	KUBO Tomoaki Tohoku Univ.	Transformation kinetics of the subducted oceanic crust in the lower mantle
2002G214	ISHIBASHI Hiroki Osaka Pref. Univ.	Charge ordering and spin dimerization of spinel compound $\text{CuIr}_2\text{S}_4$
2002G215	MANIWA Yutaka Tokyo Metropolitan Univ.	Study of carbon nano-structure
2002G216	KOBAYASHI Yuki Osaka Univ.	Search for a new high-pressure phase of vanadium
2002G217	HORIUCHI Hiroyuki Hirosaki Univ.	Analysis of the structural change of perovskite-type $\text{BaLnO}_3$
2002G218	MASUMOTO Yasuaki Univ. of Tsukuba	Small Angle X-ray Scattering of Semiconductor Quantum Dots
2002G219	TABUCHI Masao Nagoya Univ.	Investigation of atom distributions at heterointerfaces of InGaAs/GaP by X-ray CTR scattering measurement
2002G220	OKUDA Hiroshi Kyoto Univ.	Microstructures of transition layers in jointed metastable composite materials examined by scanning SAXS
2002G221	SASAKI Toshihiko Kanazawa Univ.	Development of Image Plate X-Ray Stress Measurement And Its Application to Material Evaluation on Dual Phase Stainless Steel

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2002G223	ISHIDA Kohtaro Science Univ. of Tokyo	Study on Relation between Fluorescent X-rays and Rocking Curves with two path method
2002G224	OHKAWA Makio Hiroshima Univ.	Crystal structure of $\text{Ag}_9\text{FeTe}_2\text{S}_4$
2002G225	OHTA Toshiaki Univ. of Tokyo	Structural study of magnetic nanoclusters by x-ray small angle scattering
2002G226	NAKAYAMA Atsuko AIST	Structural study on graphitic-carbon materials under high pressure
2002G227	HAGIYA Kenji Himeji Inst. of Tech.	Crystal structure of a part of inhomogeneous feldspars in natural rocks
2002G228	HAGIYA Kenji Himeji Inst. of Tech.	Study of temperature dependence of the modulation wavevector in $\text{Ca}_2\text{CoSi}_2\text{O}_7$
2002G229	YASHIMA Masatomo Tokyo Inst. of Tech.	Crystal structure of high-temperature intermediate phases of perovskite-type compounds
2002G230	AMEMIYA Yoshiyuki Univ. of Tokyo	Development and Application of X-ray Ellipsometry II
2002G231	MOMOSE Atsushi Univ. of Tokyo	Forward-diffraction phase topography using an X-ray interferometer
2002G232	MARUYAMA Kenji Niigata Univ.	Structural study of magnetic metal chalcogenide microclusters confined in the zeolite pores
2002G233	OHSATO Hitoshi Nagoya Inst. of Tech.	The Effect Of Rare-earth(Sm, Ho, and Yb) on the Microstructure in $\text{BaTiO}_3$
2002G234	NARITA Hirokazu AIST	Local structural analysis of solution-state complexes in the metal extraction system
2002G235	HARUYAMA Osami Science Univ. of Tokyo	The structural analysis of bulk $\text{Pd}_{40}\text{Ni}(\text{Cu})_{40}\text{P}_{20}$ metallic glasses during full-relaxation process
2002G236	KUSAKABE Masanobu Niigata Inst. of Tech.	Structural study on the halogen mixture effect of the superionic conducting glass using anomalous X-ray scattering
2002G237	IKEMOTO Hiroyuki Toyoma Univ.	Metal-Semiconductor transition of bismuth droplets
2002G238	OFUCHI Hironori Nagoya Univ.	Structural analysis for diluted magnetic semiconductor (Ga, Cr, Mn)As by fluorescence XAFS
2002G239	OFUCHI Hironori Nagoya Univ.	Structural analysis for zincblende Cr compound by XAFS
2002G240	TABUCHI Masao Nagoya Univ.	Investigation of local structures around Er doped in Low-temperature MBE-grown GaAs by fluorescence EXAFS
2002G241	TSUJITA Yoshiharu Nagoya Inst. of Tech.	Structural Analysis of Crystalline Polymeric Membrane
2002G242	KANEKO Katsumi Chiba Univ.	Analysis of hydration structure for electrolytes confined in nanospace of SWNH
2002G243	TAKAHASHI Yoshio Hiroshima Univ.	Leaching behavior of toxic elements depending on the redox variation in paddy field
2002G244	TAKAHASHI Yoshio Hiroshima Univ.	Development of a method to determine sulfur species by XAFS and its application to geochemical samples
2002G245	IWASAWA Yasuhiro Univ. of Tokyo	XAFS study on rhenium oxide catalysts supported on oxide thin layers
2002G247	YOSHIIASA Akira Osaka Univ.	Effective pair potentials in perovskite-type proton conductors and related materials
2002G249	KIMURA Yoshifumi Kyoto Univ.	Structural Analysis of Bimetal Nanoparticles prepared in Sub- and Supercritical Fluids by means of EXAFS
2002G250	YAITA Tsuyoshi JAERI	Structures and Electronic Properties of Actinide Nanogenerators
2002G251	INADA Yasuhiro Nagoya Univ.	Solvation Structures of Metal Ions in Nitrogen-Donating Solvents
2002G252	NISHI Nobuyuki IMS	Structural origin of Magnetic Interaction in Molecular Cluster Magnets
2002G253	IWAZUMI Toshiaki KEK-PF	X-ray Emission and Absorption Spectroscopy of Prussian blue analogs
2002G254	UCHIMOTO Yoshiharu Tokyo Inst. of Tech.	XAFS Study of Lithium Ion Conductive Solid Polymer Electrolyte Having Lewis Acid
2002G255	TAKENAKA Sakae Tokyo Inst. of Tech.	Structural analysis of catalysts effective for synthesis of carbon nanotube
2002G257	KAGI Hiroyuki Univ. of Tokyo	Local structure surrounding trace elements of zircon in a process of metamictization
2002G258	EMURA Shuichi Osaka Univ.	Local structure analysis and electronic state inspection around Cr, Gd and Dy in $\text{GaCrN}$ , $\text{GaGdN}$ and $\text{GaDyN}$ by XAFS method
2002G259	TSUKUDA Tatsuya IMS	In-situ XAFS Studies on Structures and Formation Processes of Dendrimer-encapsulated metal Clusters
2002G260	KIGUCHI Manabu Univ. of Tokyo	Change in atomic and electronic structure of poly thiophene induced by field effect
2002G261	MIZUNO Kaoru Shimane Univ.	Investigation of strain relaxation in hetero-epitaxial semiconductor film by means of X-ray topography

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2002G263	NIWA Miki Tottori Univ.	XAFS Study on the Support Effect of Hydrogen Occlusion and Catalysis of Palladium
2002G264	YAMAMOTO Hiroyuki JAERI	Investigation of Non-destructive Depth Profile Analysis by X-ray Photoelectron Spectroscopy
2002G265	IMAMURA Seiichiro Kyoto Inst. of Tech.	XAFS analysis on the novel promoting effects of ceria
2002G266	IMANISHI Akihito Osaka Univ.	Study of hydrogen terminated Si(111) surface in hydrohalogen acids
2002G267	MURAI Kei-ichiro Tokushima Univ.	EXAFS study on equilibrium phase relationships $MgIn_2O_4$ - $MgGa_2O_4$ system
2002G268	OHTA Toshiaki Univ. of Tokyo	XAFS study of local structure of magnetic clusters of metal compounds and their ordered films
2002G269	YOSHITAKE Hideaki Yokohama Natl. Univ.	Structure of pore walls of mesoporous transition metal oxides
2002G270	ASAKURA Kiyotaka Hokkaido Univ.	Structure of metal clusters on $TiO_2(110)$ surface investigated by total reflection fluorescence XAFS
2002G272	OHTANI Bunsho Hokkaido Univ.	Clarification of Local Structure of Titanium Active Sites for a Novel Liquid-Liquid Phase-Boundary Catalysis
2002G273	WADA Shin-ichi Hiroshima Univ.	Study of ion desorption reaction in core-excited self-assembled monolayers utilizing polarization of SR
2002G274	BANDO Kyoko K. AIST	In-situ XAFS study of effect of rare-earth metal addition to supported Pd-Pt catalysts -structure and reactivity of hydrotreatment of fuel oil-
2002G275	OHTA Atsuyuki AIST	XAFS analysis of heavy metals' behavior on aeolian dust during its long-haul transportation
2002G276	YASHIMA Masatomo Tokyo Inst. of Tech.	Local structural change of a perovskite-type compound $La_{0.63}(Ti_{0.92}, Nb_{0.08})O_3$
2002G277	TAKESHITA Hiroki Nagaoka Univ. of Tech.	Structure formation by competition between component chains in crystallization of block copolymers
2002G278	KUBOZONO Yoshihiro IMS	Local structures of ferroelectric gates in fullerene FETs
2002G279	MIYANAGA Takafumi Hirosaki Univ.	In-situ XAFS study for the meso-scopic Ag clusters in zeolites
2002G280	SAKURAI Kenji Natl. Inst. for Mater. Sci.	Chemical effects in K-emission spectra for lanthanides
2002G281	MATSUURA Haruaki Tokyo Inst. of Tech.	EXAFS analysis on molten rare earth-alkali fluoride mixtures
2002G282	WATANABE Masahiro Univ. of Yamanashi	Design and analysis of bimetal supported zeolite catalysts for selective CO oxidation in reforming gas for fuel cells
2002G283	ICHIKAWA Masaru Hokkaido Univ.	XAFS characterization of metal catalysts for direct cyclic hydrocarbon fuel cell systems
2002G284	IZUMI Yasuo Tokyo Inst. of Tech.	XAFS study of the Anodic Performance by $MnV_2O_6$ Synthesized under Soft-process Conditions
2002G285	IZUMI Yasuo Tokyo Inst. of Tech.	Study of the Active Site on V- $TiO_2$ Catalysts by Site-selective XAFS Combined with Fluorescence Spectrometry
2002G286	SAKAMOTO Kazuyuki Tohoku Univ.	Photoemission study of the metastable oxygen adsorbed on a Si(001)-(2x1) surface
2002G287	WAKITA Hisanobu Fukuoka Univ.	XAFS analysis of gold nanoparticles deposited on metal oxides
2002G288	OHUCHI Yukio Nagoya Univ.	Studies on UV-photoinduced Surface Anisotropy of Polyimide Films by NEXAFS Spectroscopy
2002G289	KAGEYAMA Hiroyuki AIST	Coordination structure of Cu ions in silica glass implanted with Cu and I
2002G290	MUROGA Yoshio Nagoya Univ.	Transition Between Two Kinds of Helical Structures of Poly-L-Proline in Solution
2002G291	SAITO Takeru JAERI	Energy tunable XPS study on surface oxidation mechanism of $\beta$ - $FeSi_2$
2002G292	UNGER Wolfgang BAM, Germany	Non-destructive chemical depth-profiling of plasma polymer and modified DLC films by variable excitation energy XPS
2002G293	IIDA Atsuo KEK-PF	Characterization of the dynamic local layer structure and local molecular ordering of the (anti-) ferroelectric liquid crystals
2002G295	OHTA Toshiaki Univ. of Tokyo	Structural study of Co films on Pd(111) by using total reflection EXAFS
2002G296	FONS Paul AIST	Anomalous Dispersion Diffraction Study of the $CuIn(Ga)Se_2/Mo$ Interface
2002G298	FONS Paul AIST	X-ray topographic investigations of homoepitaxial ZnO
2002G301	FONS Paul AIST	XAFS Study of Local Structure for Diluted magnetic semiconductor
2002G303	NAKAI Izumi Science Univ. of Tokyo	Study of decoration techniques used in archaeological galasses and potteries excavated from Egypt by XAFS and XRF imaging techniques
2002G304	KIGUCHI Manabu Univ. of Tokyo	EXAFS studies of surface dipole effects in photoemission phenomena



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2002G305	HARATA Kazuaki AIST	Structure analysis of MCRC proteins from <i>B.thuringiensis</i>
2002G306	MATSUI Ikuo AIST	Structure analysis of DNA polymerase D from hyperthermophile <i>P. horikoshii</i>
2002G307	KUMAR Penmecha K.R. AIST	Crystal structure of HutP-L-histidine complex: A conformation essential for RNA binding and regulation of transcription of hut operon in <i>Bacillus subtilis</i>
2002G308	JI Chao-Neng Fudan Univ., P.R.China	Structure determination of human augmenter of liver regeneration (ALR)
2002G309	LIAW Shwu-Huey Natl. Yang-Ming Univ., Taiwan	Structural studies of D-aminoacylase from <i>A. faecalis</i>
2002G310	WANG Da-Cheng Academia Sinica, P.R.China	X-ray Crystal Structure Determination of Plant Anti-fungal Proteins
2002G311	SENDA Toshiya AIST	Crystal structure analysis of reaction intermediates of biphenyl dioxygenase
2002G312	MIYAHARA Ikuko Osaka City Univ.	X-ray crystallographic study of threonine dehydratase
2002G313	NAKAE Taiji Tokai Univ.	Structural analysis of bacterial transporter protein
2002G314	YAO Min Hokkaido Univ.	Crystal Structure study of cut genes related proteins
2002G315	WATANABE Nobuhisa Hokkaido Univ.	Crystallographic study of metapyrocatechase(790) from an extreme thermophile, <i>Thermus thermophilus</i> HB8
2002G316	HORIKOSHI Masami JST	Structure analysis of the complexes of chromatin-related factors
2002G317	IKEMIZU Shinji Kumamoto Univ.	Crystallographic studies of the costimulatory molecule B7-1 complexed with drug
2002G318	TANAKA Nobutada Showa Univ.	Crystal structure analysis of the ternary complex of yeast tyrosyl-tRNA synthetase
2002G319	TADA Toshiji Osaka Pref. Univ.	Structural Study of ADP-ribosylating C3 Exoenzyme from <i>C. botulinum</i>
2002G320	MATSUGAKI Naohiro KEK-PF	Structural analysis of color development and stability of anthocyanin pigment complexes
2002G321	KUSUNOKI Masami Osaka Univ.	Analysis of carbohydrate recognition mechanism of invertebrate $Ca^{2+}$ -dependent lectins
2002G322	OHISHI Hirofumi Osaka Univ. of Pharm. Sci.	The Structural Study between the heredity diseases and the DNAs which noncanonical structure
2002G323	KUBOTA Kenji Gunma Univ.	Molecular Assembly Formation of Phospholipid/Detergent Mixture
2002G324	OKOSHI Kenji Ishinomaki Senshu Univ.	Elemental accumulation of tissues and organs in fauna in the deep-sea hydrothermal vent fields
2002G325	TAKAGI Katsuhiko Nagoya Univ.	Structure of intercellular lipid in stratum corneum
2002G326	HIRAGI Yuzuru Kyoto Univ.	A Study on the Activity and Structure of Pyrococcal ADP-Glucokinase by SAXS
2002G327	KUWAJIMA Kunihiro Univ. of Tokyo	The GroE chaperonin cycle studied by small angle X-ray scattering
2002G328	KUWAJIMA Kunihiro Univ. of Tokyo	Transient Folding Intermediates of Globular Proteins Studied by Small-Angle X-ray Scattering
2002G329	RAO Ch. Mohan Center for Cell. Mol. Biol., India	Size and shape variation and chaperone-like activity of alpha-crystallin
2002G330	KOIZUMI Akio Kyoto Univ.	10 thousands years of environment assessment using synchrotron radiation micro beam
2002G331	ICHIMURA Kaoru Dokkyo Univ. Sch. of Medicine	An analysis of the amyloid core formation mechanism
2002G332	MATSUSHIMA Norio Sapporo Medical Univ.	Diversity of Interaction between Calmodulin and Various Proteins/Drug Studies by Solution X-ray Scattering
2002G333	KOBAYASHI Katsumi KEK-PF	Development of X-ray microbeam irradiation system for radiobiology
2002G334	KOBAYASHI Katsumi KEK-PF	Research on the enhancement of radiotherapy by heavy metal-containing compounds
2002G335	YAMAMURA Takeshi Science Univ. of Tokyo	Ni and Fe XAFS on the Core Site Models of Hydrogenase
2002G336	SONAWAT Haripalsingh M. Tata Inst. of Fundamental Res., India	Solution structure of extremely halophilic proteins as a function of salt concentration
2002G337	KIHARA Hiroshi Kansai Medical Univ.	Analysis of early folding events in beta-lactoglobulin mutants

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2002G338	SEMISTNOV Gennady V. Russian Acad. of Sci., Russia	SAXS study on the unfolding and refolding reactions of oligomeric proteins
2002G339	SEMISTNOV Gennady V. Russian Acad. of Sci., Russia	SAXS study on non-specific intermolecular association of protein folding intermediates
2002G340	ITO Atsushi Tokai Univ.	High resolution mapping of light minor elements in a cell using soft X-ray contact microscopy
2002G341	O'NEILL Peter MRC, UK	Base Damages in Hydrated plasmid DNA by phosphorus K-shell photoabsorption detected by base excision repair enzyme
2002G342	IZUMI Yoshinobu Yamagata Univ.	Tertiarg Structure of Calmodulin predicted by Biointamotic -Experimental Verification by SAXS-
2002G343	AMEMIYA Yoshiyuki Univ. of Tokyo	Micro-beam Small-angle X-ray Scattering from Keratin Fibers
2002G344	SHIMA Yasufumi Osaka Univ.	Evolution of random polypeptides through functional selection
2002G345	SAIGUSA Shin Natl. Inst. of Radiological Sci.	Studies on radiological cellular effects of concentrated energy deposition to DNA
2002G346	KASAI Kiyomi Natl. Inst. of Radiological Sci.	Analysis of DNA damages produced by K-shell photoionization of phosphorus in DNA repair-deficient mammalian cells
2002P001	ASAI Keisuke Univ. of Tokyo	An Analysis of the electronic structures of Organic-Inorganic Hybrid Compounds by Angle Resolved Photoelectron Spectroscopy
2002P002	OKUDA Taichi Univ. of Tokyo	Performance test of SR-STM
2002P003	ISHIZAWA Nobuo Tokyo Inst. of Tech.	In-situ observation of the chemical reaction in the Li-ion solid battery cell
2002P004	MIHARA Tatehiro RIKEN	Basic Study for GAPOM (Gamma-ray burst Polarization Monitor)
2002P005	WATANABE Tomohiro Toyota Tech. Inst.	The effects of small dopant on the density fluctuation in SiO <sub>2</sub> glass
2002P009	YAMASAKI Katsuhito JASRI	Observation of the effect on bones in microgravity environment
2002P010	YAMAGUCHI Yoshitaka Natl. Maritime Res. Inst.	Estimation of anti-fouling chemicals behavior in the marine environment
2002P011	SHIGETA Yukichi Yokohama City Univ.	Local electronic structure of semiconductor nano-scale building block
2002P012	KIM Chang Kyung Hanyang Univ., Korea	XMCD characterization of thermally annealed CoFe/IrMn(FeMn)/NiFe exchange couple
2002P013	HAYASHIDA Kiyoshi Osaka Univ.	X-ray Polarimetry with Gas Proportional Counters
2002P014	TSUKUDA Noboru Kyushu Univ.	Time-resolved X-ray diffraction from silicon crystals distorted by ultrasound waves
2002P015	SUZUKI Tatsuya Tokyo Inst. of Tech.	XAFS analysis on solvation structure of trivalent lanthanides in acid-organic mixed solvent
2002P016	WAKITA Hisanobu Fukuoka Univ.	Deposition of gold nano-clusters in organic solvent by X-ray irradiation
2002P017	FUJIMOTO Yasushi Osaka Univ.	Structural Study on Novel Luminescent Center of Bismuth in Silica Glass
2002P018	NISHI Norio Hokkaido Univ.	Molecular orientation of DNA-metal ion matrix
2002P019	HOSOKAWA Shinya Philipps Univ. Marburg, Germany	Electronic structure of glassy Ge <sub>x</sub> Se <sub>1-x</sub> around the stiffness transition composition

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2002C001	MATSUSHITA Tadashi Nippon Steel Corp.	Dynamical explication of material processing with SR
2002C002	IIDA Atsuo Fujitsu Laboratories Ltd.	Study on structure analysis of thin film surface and interface
2002C003	IIDA Atsuo Canon Inc.	Study on microanalysis using SR X-ray microbeam
2002C004	NOMURA Masaharu Sumitomo Chemical Co., Ltd.	Precise structural and chemical analysis of various catalysts using XAFS
2002C005	NOMURA Masaharu Mitsui Chem. Anal. & Consul. Service Inc.	XAFS analysis of small quantity metals in thin films and catalysts
2002C006	NOMURA Masaharu Toray Research Center, Inc.	Development of chemical characterization of contamination on wafer surface
2002C007	KISHIMOTO Shunji Ohyo Koken Kogyo Co., Ltd.	Development of high-counting rate scintillation counters for high energy X-rays
2002C008	NOMURA Masaharu Nippon Mitsubishi Oil Corp.	Study on energy-conserving type lubricants by fluorescent XAFS
2002C009	NOMURA Masaharu CAC's	XAFS analysis of surface film on electrode for lithium ion batteries
2002C010	NOMURA Masaharu NEC Corp.	Structure characterization of materials for semiconductor devices
2002C011	YAGISHITA Akira NTT Corp.	Study on electronic structure of nanotechnology materials by high-resolution photoelectron spectroscopy
2002C012	HIRANO Keiichi Hitachi, Ltd.	Study on X-ray imaging
2002C013	KOBAYASHI Katsumi NKK Corp.	Technological establishment of physical analysis with SR
2002C014	IGARASHI Noriyuki NASDA	Studies on effects of microgravity on protein crystal growth - part 2 -
2002C015	YAGISHITA Akira Nikon Corp.	SR characterization of X-ray multilayer mirrors
2002C016	NOMURA Masaharu Fuji Photo Film Co., Ltd.	Structural and chemical state analysis of small quantity additives in inorganic materials
2002C017	HYODO Kazuyuki Iwasaki Electric Co., Ltd.	Measurements of mercury density of powered extra-high voltage mercury lamp with SR monochromatic X-rays
2002C018	IIDA Atsuo Sumitomo Chemical Co., Ltd.	X-ray small angle scattering study on dynamical structure change of synthesized polymers
2002C019	MATSUSHITA Tadashi FAIS	Structural biology using SR X-rays
2002Y001	HASEBE Nobuyuki Hitachi, Ltd.	8A: soft X-ray spectroscopy and microprobe 8B: EXAFS experiments, total reflection measurements 8C: interference experiments, reflectivity measurements, XD
2002Y002	SUZUKI Yasuyuki Idemitsu Kosan Co., Ltd.	Development of highly dispersed Ni-supported hydrodesulfurization catalysts
2002Y003	FUJISAKI Michio Fujitsu Laboratories Ltd.	Material characterization by SR at BL-17A, 17B and 17C

\*C-type proposals are submitted by PF staff members in collaboration with private companies etc. shown in the parentheses.

\*\* Y-type proposals are submitted by researchers of private companies etc.