

Proposal Number	Spokesperson	Title
2006S1-001	FUJINAMI Masanori Chiba Univ.	Development of positron microscope
2006S2-001	FUJIMORI Atsushi The Univ. of Tokyo	High resolution angle-resolved photoemission study of strongly correlated transition metal oxides
2006S2-002	MASE Kazuhiko KEK-PF	Study of core-excitations, Auger decay, and ion desorption using coincidence
2006S2-003	AKIMOTO Koichi Nagoya Univ.	X-ray diffraction studies on structural analysis and controls of semiconductor surfaces and interfaces
2006S2-004	SAWA Hiroshi KEK-PF	Direct Observation of electron density of Molecular Orbital using Synchrotron Radiation X-ray MEM analysis
2006S2-005	KUMAI Reiji AIST	Structure Analysis for the Physical Property Study of the Correlated Electron System
2006S2-006	WAKATSUKI Soichi KEK-PF	Protein 3000 Project Target Oriented Structural Genomics of Protein 3000 Project
2006U001	MIYAHARA Tsuneaki Tokyo Metropolitan Univ.	Studies on magnetic and electronic properties of filled skutterudites by core excitation MCD
2006G001	DOYAMA Masao Teikyo Univ. of Sci. & Tech.	Experiments Using TIF facility Aiming at the Construction of Transmission Positron-Electron Microscopes
2006G002	FUJIMORI Atsushi The Univ. of Tokyo	<i>In situ</i> photoemission study of magnetic semiconductors prepared by thermal diffusion of transition metal
2006G003	OZAWA Kenichi Tokyo Inst. of Tech.	Atomic structure and electronic structure at the interface between the noble metal clusters and the polar ZnO surfaces
2006G004	OKUDA Taichi The Univ. of Tokyo	Spin transportation and magnetic coupling through the insulating monolayer of -BN on Ni(111)
2006G005	MIKI Hirofumi Tokyo Univ. of Sci.	Correlation between the electronic structure of stepped Pt surface and the chemisorption states of NO
2006G006	AIURA Yoshihiro AIST	Photoemission study of oxygen isotope effect on the electronic structure of transition metal oxides
2006G007	SAKAMOTO Kazuyuki Chiba Univ.	Electronic structures of rare-earth silicide thin films grown epitaxially on a Si(111) surface
2006G008	TAKAHASHI Takashi Tohoku Univ.	Angle-resolved photoemission study of electronic structure in low-dimensional compounds
2006G009	HIRAI Masaaki Okayama Univ.	Electronic states of the interface for thin metal film/SiC contact systems by using soft X-ray emission spectroscopy
2006G010	SAITOH Tomohiko Tokyo Univ. of Sci.	Electronic structure of trivalent cobalt oxides studied by photoemission and x-ray absorption spectroscopy
2006G011	SODA Kazuo Nagoya Univ.	Transition metal d partial density of states of Zr-TM and Zr-TM-Al(TM=Ni,Cu)metallic glass and its phase stability
2006G012	ASAHI Toru Waseda Univ.	Layer thickness dependence of microscopic magnetic properties of a novel perpendicular magnetic recording material, TbCo/Pd multilayered film
2006G014	NAKATSUJI Kan The Univ. of Tokyo	Electronic structure and magnetic properties of Mn nitride nano-structures on Mn/N/Cu(001) surfaces
2006G015	YANO Kazuo Nihon Univ.	Magnetic moment in amorphous Gd-Ni systems and heavy fermion material CeNi
2006G016	NAGATA Tetsuo Meisei Univ.	Photoionization of Sc, Cr and Mn atoms in the 3p and 3s regions
2006G017	ODAGIRI Takeshi Tokyo Inst. of Tech.	Multiply excited molecules as probed by dissociation fragments
2006G018	MILLS Allen Univ. of California	Bose Einstein Condensation: Diffusion of a Positronium Gas in Nanostructural Materials
2006G020	JIN Xiaofeng Fudan Univ., China	Explore the relation between the spin-orbit interaction and magnetic anisotropy
2006G021	QI Cui Ming BSRF, China	Low energy excitations in transition-metal sulphides studied by resonant inelastic x-ray scattering
2006G022	YOSHIKAWA Masayuki Univ. of Tsukuba	Absolute calibration experiments for VUV and SX spectrographs
2006G024	CRAMER P. Stephen UCD	Synchrotron Radiation Perturbed Angular Correlation Spectroscopy (SR-PACS) of Hydrogen and Oxygen Activating Enzymes
2006G025	EDAMOTO Kazuyuki Rikkyo Univ.	Angle-resolved photoemission study of oxide layers formed on group 4 transition metal carbide surfaces
2006G026	SAKAMA Hiroshi SOPHIA Univ.	Angle-resolved photoemission study of anatase-type titanium dioxide
2006G027	IKEURA Hiromi AIST	Electronic state properties of Antisense DNA
2006G029	TAMAGAWA Tohoru RIKEN	Development of a new X-ray polarimeter with gas electron multiplier foils
2006G030	OHTAKA Osamu Osaka Univ.	X-ray in situ observations using Diamond-SiC composite anvils prepared by HIP method
2006G031	TAKEMURA Kenichi NIMS	Structure determination of the high-pressure α -phase of solid mercury

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2006G032	HIRAYAMA Tomoko Doshisha Univ.	Structure Analysis of Machine Oil under High Pressure Condition
2006G033	MAKIHARA Yoshikazu Kyushu Kyoritsu Univ.	Structural phase transitions in dehydrating process of HoMn ₂ hydride with C15-and C14-typed Laves phase structure
2006G034	KUSAKABE Masanobu NIIGATA Inst. of Tech.	Structural study on the superionic conducting glass containing silver bromide using anomalous X-ray scattering
2006G035	HAMAYA Nozomu Ochanomizu Univ.	Liquid-liquid phase transition in tintetraiodide
2006G036	TSUJI Kazuhiko Keio Univ.	Pressure dependence of the structure of liquids of tetrahedrally bonded compounds with ionicity in their bonds
2006G037	INOUE Tohoru Ehime Univ.	Structure of hydrous magnesian silicate liquid under high pressure II
2006G038	INOUE Tohoru Ehime Univ.	Dehydration kinetics in subducting slab
2006G039	UOSAKI Kohei Hokkaido Univ.	Structural Determination of Metal-molecule-metal (or semiconductor) Junctions by Surface X-ray Scattering Technique
2006G040	SUEDA Yuichiro The Univ. of Tokyo	Stability of hollandite and hollandite II in the system KAISi ₃ O ₈ -NaAISi ₃ O ₈
2006G041	NEGISHI Riichirou Saitama Inst. of Tech.	Development of an analytical method for lattice distortion using X-ray dynamical diffraction with resonant scattering
2006G042	KITAGAWA Hiroshi Kyushu Univ.	X-ray structural analysis of MX-ladder complex under high pressure
2006G043	WAKABAYASHI Yusuke KEK-PF	Charge ordering and orbital ordering in manganite thin films...Structure and evolution
2006G044	SUZUKI Akio Tohoku Univ.	Phase transition and equation of state of the MOOH-type oxide hydroxide at high pressure
2006G045	HIRAI Hisako Univ. of Tsukuba	Structural analysis of high-pressure phase of solid methane and phase changes under high temperature and pressure
2006G046	SAKURAI Yoshiharu SPRing-8	A X-ray Magnetic Scattering Study of Ferromagnetic CeRh ₃ B ₂
2006G047	YAGI Takehiko The Univ. of Tokyo	Visco-elastic property of materials of the Earth's deep using radial diffraction
2006G048	TSUTSUI Satoshi JASRI	Investion of multipolar ordering in RRu ₄ P ₁₂ (R=Pr,Sm)
2006G049	KIMURA Yasuyuki Kyushu Univ.	Study on dynamics of phase transition in chiral twin liquid crystals
2006G050	NAKAO Hironori Tohoku Univ.	Valence fluctuated state in A ₄ B ₃ type rare earth compounds by resonant and non-resonant x-ray scattering
2006G051	JIN Xiaofeng Fudan Univ.	Explore the relation between the in-plane strains and magnetic anisotropy in the magnetic thin film grown on semiconductor
2006G052	JIANG Jianzhong Zhejiang Univ.	Phase transformations in Co- and Ni-doped ZnO
2006G053	LIU Jing CAS	Investigation of high pressure phase transitions of CdTe by synchrotron radiation angle-dispersive X-ray diffraction method
2006G054	XIAO Wansheng CAS	In Situ X-ray powder diffraction experiment of MnO ₂ under high pressure
2006G056	LI Ming CAS	In situ observation of electrocrystallization of metal oxide between phospholipid bilayers stacked at a liquid-solid interface
2006G057	SHIMURA Takayoshi Osaka Univ.	Characterization of Gate Stack Structures by Synchrotron X-ray Scattering
2006G058	KOJIMA Kenichi Yokohama City Univ.	Relationship between dislocations and crystal perfection in protein crystals
2006G059	NAITO Toshio Hokkaido Univ.	Structural analyses of a molecular amorphous solid derived from crystalline photoreactive molecular metal
2006G060	SEKI Kazuhiko Nagoya Univ.	Molecular orientation and electric structure of Si-C covalent bond organic monolayer studied by NEXAFS and XPS
2006G061	NASU Toshio Yamagata Univ.	EXAFS Study on Micromechanics of Deformation of Ni ₅₀ Zr ₅₀ Metallic Glass
2006G062	YONENAGA Ichiro Tohoku Univ.	XAF study on local structure around Si atoms in GeSiC and GeSiSn alloys
2006G063	NAKATA Masami JAEA	X-ray Absorption Spectroscopic Studies of TRF Elements Containing Compounds
2006G064	MAYAMA Hiroyuki Hokkaido Univ.	Effect of Ionic Surfactants on the Iridescent Color of Periodic Structure of Bilayer Membranes Studied by SAXS
2006G065	MATSUO Masaru Nara Woman's Univ.	Liquid-Liquid Phase Separation of Polymer Solutions Gelation Mechanism
2006G066	KAWABATA Youhei Tokyo Metropolitan Univ.	Time-resolved SAXS studies coupling with pressure jump technique self-assembled formation process in surfactant solutions
2006G067	KAWAGUCHI Akio Kyoto Univ.	Initial stage of composite structure and ionic conduction in hydrophilic polymer

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2006G068	UENO Satoru Hiroshima Univ.	Ultrasound effect for crystallization of nano-sized lipid particles in O/W emulsion
2006G069	OFUCHI Hironori JASRI	Fluorescence XAFS analysis of local structures around Mn atoms in SiC:Mn
2006G071	MURAI Kei-ichiro The Univ. of Tokushima	Local Structure Analysis of TiO ₂ and Sulfur-Doped TiO ₂
2006G072	HIKOSAKA Masamichi Hiroshima Univ.	Crystallization mechanism of polymers through direct observation of nucleation of nano nucleus under quiescent and flow conditions
2006G073	MATSUSHITA Yushu Nagoya Univ.	Morphological Observation of hierarchical microphase-separated structure form AB/CD block copolymer blends with complementary hydrogen bonding interaction
2006G074	TAKANO Atsushi Nagoya Univ.	Measurement of orientation-aligned domain length in microphase-separated structure of block copolymers by PF-SAXS, μ -beam SAXS in SPring-8, and 3D-TEM
2006G075	TABUCHI Masao Nagoya Univ.	XAFS study on relationship optical properties and local-structures of GaAs co-doped with Er, Li, and O
2006G076	AMEMIYA Yoshiyuki The Univ. of Tokyo	Study on the effect of oil-water interface on alkane crystallization inside emulsion droplet by time-resolved x-ray scattering
2006G077	TAKENO Hiroyuki Gunma Univ.	Structural formation in organogels having nanofiber by time-resolved X-ray measurements
2006G078	NOJIMA Shuichi Tokyo Inst. of Tech.	Crystallization Behavior of Homopolymers Confined within Various Microdomain Structures
2006G079	TAKANISHI Yoichi Tokyo Inst. of Tech.	2 Dimensional Analysis of Local Layer Structure in Novel Liquid Crystalline Phases Using
2006G080	KAITO Akira AIST	Studies on the dynamics of lamellar structures of crystalline polymer blends
2006G081	KIKKAWA Shinichi Hokkaido Univ.	Local structure of transition metal doped gallium oxynitride
2006G082	YOSHIASA Akira Kumamoto Univ.	Effective pair potentials of SrGeO ₃ and CaGeO ₃ perovskite as analogue of the earth's lower mantle
2006G083	YOSHIASA Akira Kumamoto Univ.	Local structure of As in arsenic concentrated clay and related arsenic compounds
2006G084	OKUDA Koji Kyoto Univ.	In-situ observation of self-organized ferromagnetic nanodots with L10 ordering under magnetic field
2006G085	SUZUKI Shinichi JAEA	The elucidation on actinide(VI) selectivity with branched <i>N, N</i> -dialkylamide by XAFS
2006G086	TAKESHITA Hiroki Nagaoka Univ. of Tech.	Nano-structured polymer gels synthesized from microemulsions
2006G087	SHIOMI Tomoo Nagaoka Univ. of Tech.	Effects of microphase separation and liquid-crystallization on formation of phase structure in liquid-crystalline block copolymers
2006G088	UEDONO Akira Univ. of Tsukuba	Development of characterization techniques of porous materials by Ps-TOF method
2006G089	SAKAI Seiji JAEA	X-ray absorption spectroscopy of transition metal-fullerene compounds
2006G090	OKAMOTO Yoshihiro JAEA	R&D of pyrochemical reprocessing by using synchrotron radiation technique
2006G091	SHIOYA Masatoshi Tokyo Inst. of Tech.	Investigation of Nano-size Effects on Fracture Process of Carbon Nanotube Dispersed Polymers
2006G092	HARA Kazuhiro Kyushu Univ.	Micro-phase Separated Structure Formation of Dehydrating Gel under Anisotropic Conditions
2006G093	NAKAI Ikuo Tottori Univ.	The spin glass states and structural fluctuations of amorphous Gd-Ni
2006G095	TOMISHIGE Keiichi Univ. of Tsukuba	Structural analysis of bimetallic catalysts for direct heat supplying reforming of methane
2006G096	TOSHIMA Noki Tokyo Univ. of Sci., Yamaguchi	Structure Analysis of Self-Formed Ag-core/Rh-shell Bimetallic Nanoparticles by EXAFS at Low Temperature
2006G097	IZUMI Yasuo Tokyo Inst. of Tech.	Detection of Reduced Vanadium Species during the Catalysis Process by State-Sensitive XAFS
2006G099	UCHIMOTO Yoshiharu Kyoto Univ.	Preparation of in situ High-Temperature Electrochemical XAFS measurement system
2006G100	ICHIHASHI Yuichi Kobe Univ.	XAFS studies on local structure of Ti supported on Cu/HZSM-5 catalysts for the synthesis of phenol
2006G101	ICHIYANAGI Yuko Yokohama Natl. Univ.	Local structure analysis of ferromagnetic nanocluster -for an application of the nanomedicine-
2006G102	EMURA Shuichi Osaka Univ.	Study of hydrogen absorption process of nan-composition NiPd/ZrO ₂
2006G103	IKEDA Susumu The Univ. of Tokyo	Orientation control of polythiophene monolayer films using the substrates with periodic structure
2006G104	IKEDA Susumu The Univ. of Tokyo	Molecular orientation of TTF,BEDT-TTF grown on single crystalline metal surfaces
2006G105	TAKENAKA Sakae Kyushu Univ.	Structural analyses of catalytically active metal species during the growth of carbon nanotube by in situ DXAFS

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2006G106	MATSUO Motoyuki The Univ. of Tokyo	Analysis of the early diagenesis of heavy metals in sea sediments with XAFS measurement
2006G107	OHOTA Atsuyuki AIST	Study of the reduction process of heavy metals with Humic acid by XAFS analysis
2006G108	TAKIUE Takanori Kyushu Univ.	Selective&direct determinatio and solvation state of bromide ions in the surface adsorbed films
2006G109	ASAKURA Kiyotaka Hokkaido Univ.	Structural analysis of Transition metal phosphide by means of operando Quick XAFS method
2006G110	IDE Ari Kyoto Univ.	Investigations on Japanese Historical Art Pigments Using XRF
2006G111	OGIWARA Hitoshi Hokkaido Univ.	Characterication of nano-scale materials of mixed metal-oxide formed by template method
2006G112	HARADA Masafumi Nara Woman's Univ.	Microscopic Structural Characterizations for Glassy States of Acylaminocarboxylato Rare Earth Complexes
2006G113	KUBOTA Takeshi Shimane Univ.	Local structure analysis of the active site of Co-Mo sulfide catalysts using selenophene as a prove molecule by means of XAFS
2006G114	ZHOU YiKai Osaka Univ.	Local coordination around Cr and inspection of electronic state of Cr in Cubic CaCrN
2006G115	TAJIMA Hiroyuki The Univ. of Tokyo	Study of Spin States and Molecular Orientation of Porphyrin Compounds in Films Using NEXAFS
2006G116	TAKAHASI Yoshio Hiroshima Univ.	Speciation of sulfur compounds in aerosol samples by XANES
2006G117	NIWA Yasuhiro KEK-PF	Dynamic Analysis of Metal Species near the Metal/Liquid Interface by Means of DXAFS
2006G118	OOYANAGi Hiroyuki AIST	Photoinduced structural change studied by X-ray absorption spectroscopy
2006G119	OOYANAGi Hiroyuki AIST	Local structure study of non-doped high Tc superconductors by X-ray absorption spectroscopy
2006G120	SAINI L. Naurang Universita di Roma	EXAFS studies on the $(Ca_xLa_{1-x})(Ba_{1.75-x}La_{0.25+x})Cu_3O_y$ perovskites Local displacements strain fields and superconductivity in the charge compensated perovskites
2006G121	IMAMURA Motoyasu AIST	Precise estimation of teh effective attenuation length of the electrons in the oxide thin films
2006G122	KURODA Yasushige Okayama Univ.	Analysis of the state of exchanged transition-metal-ion in ordered nano-space
2006G123	KURODA Yasushige Okayama Univ.	Time resolved study on the dynamic change in the state of metal ions exchanged in zeolite-nano-space being assisted by adsorbed molecules
2006G124	NAKAI Izumi Tokyo Univ. of Sci.	Characterization for biomineral composed by heavy metals by aerobic and acidophilic photosynthetic bacterium
2006G125	DOMEN Kazunari The Univ. of Tokyo	XAFS characterization of visible-light-driven Rh-Cr/ $(Ga_{1-x}Zn_x)(N_{1-x}O_x)$ photocatalysts for overall water splitting
2006G126	AFANASIEV PAVEL CNRS	S K-edge EXAFS study of the hydrogen trapping by amorphous cobalt oxosulfide
2006G127	WEI Shiqiang USTC	Determination of electronic and geometric structures of GaMnN and GaMnAs dilute magnetic semiconductors
2006G128	PAN Gang CAS, China	Confirmation of a fundamental deficiency in classical surface thermodynamics and its applications to environmental systems
2006G129	LU Kunquan CAS, China	The liquid structure studies with XAFS technique
2006G130	DONG Mei CAS, China	An in-situ XAFS study for the crystallization process of metal-substituted aluminophosphate molecular sieves
2006G131	MEN Yongfeng CAS, China	Shear Induced Super Structure Development in Polyethylene and Its Octene Copolymers by Means of Synchrotron Small Angle X-ray Scattering
2006G132	QI Zeming USTC, China	Relationship between structure and luminescence properties of rare earth doped luminescence materials
2006G134	YANG Xiaoe Zhejiang Univ.	The speciation of Zn and Pb in Zn/Pb cohyperaccumulating plant(<i>Sedum alfredii</i> Hance)
2006G135	TAKAMTSU Rieko Kitasato Univ.	Structural Analysis of Cadmium surface precipitate on Clay minerals
2006G136	SHIRAKAWA Masahiro Kyoto Univ.	Crystallographic studies of TDG(thymine DNA glycosylase)modified with SUMO-3
2006G137	KUMAR K. R. Penmetcha AIST	Crystal structure of bridged nucleic acid-DNA triplex
2006G138	KUMAR K. R. Penmetcha AIST	Crystal structure of HutP complexed with terminator/antiterminator RNA in the presence of L-histidine-Mg ²⁺ ion
2006G139	STRELTSOV Victor CSIRO	Structure of the insulin receptor ectodomain fragments
2006G140	HIROKAWA Nobutaka The Univ. of Tokyo	Structural Analysis of Kinesin Superfamily Proteins
2006G141	KONNO Michiko Ochanomizu Univ.	The role of D loop of tRNA and N-terminal domain of arginy1-tRNA synthetase in the binding process of tRNA

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2006G142	ALBARA Shigeo Kyoto Univ.	X-ray Crystallography of Lysozyme Grown in a Microgravity Environment: Study on the Quality of Lysozyme Orthorhombic Crystals Prepared by Using a Tool of the Suspected Low Gravity
2006G143	MIZUTANI Kimihiko Kyoto Univ.	X-ray Crystallography of Metal-ion Transport Protein Transferrin at High Resolution: Fundamental Research for Drug-delivery
2006G144	KUMAGAI Izumi Tohoku Univ.	Studies on molecular recognition mechanism of various antibodies based on structural information
2006G145	HARADA Kazuaki AIST	Structure analysis of parasporin, a family of proteins recognizing and killing cancer cells
2006G146	KITADOKORO Kengo Kyoto Univ.	X-ray structural analysis of PMT toxin by MAD methods
2006G147	ODAWARA Takayuki AIST	X-ray Studies on Photoreaction Units from Purple Bacteria
2006G148	CHA Sun-Shin Pohang Accelerator Laboratory	Structural analysis of human aDJ-1, implicated in the pathogenesis of Parkinson's disease
2006G149	TONOZUKA Takashi Tokyo Univ. of Agri. & Tech.	Study on structures of proteins leading to internalization of botulinum toxin via saccharides
2006G150	TANOKURA Masaru The Univ. of Tokyo	Structure determination of ternary complex of two transcriptional factors that regulate differentiation of leg and recognize dsDNA from <i>Drosophila melanogaster</i>
2006G151	TANOKURA Masaru The Univ. of Tokyo	Crystal structure analysis of archaeal KaiC-like protein
2006G152	NAGATA Koji The Univ. of Tokyo	Crystal structure analysis of the beta-catenin/Src complex
2006G153	NAGATA Koji The Univ. of Tokyo	Crystal structure analysis of the Dim2p homologs and the functional complexes from Archaea and Human
2006G154	SENDA Toshiya AIST	Crystal structure analysis of the ferredoxin reductase-ferredoxin complex
2006G155	SENDA Toshiya AIST	Crystal structure analysis of tau protein
2006G156	WANG H. -J Andrew Academia Sinica, Taiwan	Structural and functional analysis of <i>Staphylococcus epidermidis</i> IcaR
2006G157	PARK Sam-Yong Yokohama City Univ.	Crystal structure of penicillin binding protein from E.coli
2006G158	FUSHINOBU Shinya The Univ. of Tokyo	Crystallographic analysis of sugar phosphorylases belonging to novel families
2006G159	TOMITA Kozo AIST	Mechanism of protein-assisted protein synthesis
2006G160	TAGUCHI Hayao Tokyo Univ. of Sci.	Structural analysis of novel 2-hydroxyacid dehydrogenases
2006G161	DONG Xuesong RIKEN	Crystal structure of Leucyl/Phenylalanyl-tRNA protein transferase
2006G162	TUGE Hideaki Tokushima Univ.	Crystal structure analysis of sphingomyelin metabolism enzymes
2006G163	MIKI Kunio Kyoto Univ.	Crystal Structure Determination of SoxR Protein in Oxidative Response Regulation System
2006G164	FUJIHASHI Masahiro Kyoto Univ.	Investigation of the Reaction Mechanism of Orotidine 5' Monophosphate Decarboxylase
2006G165	TAMURA Tomohiro AIST	Structure analyses of aldohexose dehydrogenases from thermoacidophilic archaeon <i>Thermoplasma acidophilum</i>
2006G166	HATAKEYAMA Tomomitsu Nagasaki Univ.	Analysis of carbohydrate recognition mechanism of Ca ²⁺ -dependent lectins based on X-ray crystallographic analysis
2006G167	ITO Nobutoshi Tokyo Medical & Dental Univ.	Structural studies on kinases involved in mRNA splicing and their interaction with inhibitors
2006G168	ITO Nobutoshi Tokyo Medical & Dental Univ.	Structure-based analysis of the interaction between the vitamin D receptor and its ligands
2006G169	YAMAZAKI Kazuhiko AIST	Structure determination of immune-related transcription factors in the complex with nuclear matrix attachment region-derived DNAs
2006G170	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of α -glucosidase
2006G171	NOJIRI Hideaki The Univ. of Tokyo	Structural basis of the diversity in electron transfer chains of carbazole 1, 9a-dioxygenase systems isolated from various bacteria
2006G173	KONDO Hidemasa AIST	X-ray crystal structure analysis of antifreeze proteins from basidiomycetes
2006G174	SUZUKI Atsuo Nagoya Univ.	Development of S-SAD method with additional light-atoms
2006G175	MIYAHARA Ikuko Osaka City Univ.	X-ray crystallographic study of thermostable aminotransferase
2006G176	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of complex between SKD1 and SBP(SKD1 binding protein)
2006G177	ITO Souhei Univ. of Shizuoka	X-ray crystallographic and functional analysis of anti-DNA/anti-R-HNE monoclonal antibody

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2006G178	YOHDA Masafumi Tokyo Univ. of Agri. & Tech.	X-ray structure of hyperthermophilic archaeal chaperone
2006G179	KINOSHITA Takayosi Osaka Prefecture Univ.	Pharmaco-structural-biology aimed at producing high selective kinase inhibitors
2006G180	MORIMOTO Yukio Kyoto Univ.	Crystal structure analysis of L-lactate oxidase-products or inhibitor complexes
2006G181	NAKAJIMA Yoshitaka Nagasaki Univ.	Crystal structure of aminopeptidase N
2006G182	MAITA Nobuo Kyushu Univ.	Structural study of retrotransposition of SART1-LINE
2006G183	KUSUNOKI Masami Osaka Univ.	Crystal Structure Analysis of Plant Glutaredoxin
2006G184	IGARASHI Noriyuki KEK-PF	Research and instrumentation for the phase determination using low energy X-ray
2006G185	WAKATSUKI Soichi KEK-PF	Structural study of the interactions in the Belin1/Bc1-2 and Beclin1/hVps34 complex
2006G186	FUKAI Shuya Tokyo Inst. of Tech.	Crystallography of the small GTPases and their effectors implicated in the regulated exocytosis
2006G187	FUJIWARA Taketomo Shizuoka Univ.	Correlation between the covalent-modification and bi-functionality in KatG
2006G188	SATO Takao Tokyo Inst. of Tech.	X-ray Structure Analysis of polyamine synthase complexes with various substrates
2006G189	WAKATSUKI Soichi KEK-PF	Crystallographic Study of the Catalytic Mechanism and Identification of the Natural Substrate of the Human Cytosolic Sialidase New2
2006G190	WAKATSUKI Soichi KEK-PF	Structure Determination of the Small GTP _{ASE} RAB27 alone and in Complex with its Effectors Involved in Insulin Release and Melanosome Transport
2006G191	WANG Da-Cheng CAS, China	Structural genomics on <i>Shigella Flexneri</i> (2a 301) proteins
2006G197	MATSUGAKI Naohiro KEK-PF	High resolution structural analysis of metallo-complex blue pigments
2006G199	UO Motohiro Hokkaido Univ.	The study of chemical state of metallic elements eroded from dental alloys existed in the biological tissue and their micro-analysis
2006G201	KATO Ryuichi KEK-PF	Structural analysis of a small GTPase Ara7 in solution
2006G202	TOMITA Masanori CRIEPI	Bystander responses induced by low dose of photon irradiation in cultured human cells
2006G203	GODA Shuichiro The Univ. of Tokushima	Elucidation of the structural changes in autoclave treatment of 5'-methylthioadenosine phosphorylase from a hyperthermophilic archaeon <i>Aeropyrum permix</i>
2006G204	NONAKA Takamasa Nagaoka Univ. of Tech.	Solution structure analysis of a two-domain chitinase from rice
2006G205	ITO Atsushi Tokai Univ.	Soft X-ray Projection Microscope with CT Reconstruction
2006G206	HIRAI Mitsuhiro Gunma Univ.	Characterization of liposomes containing glycolipids and their application to drug delivery systems
2006G207	TAKAKURA Kahoru ICU	Chromosomal aberrations in cells with PET drug Cu compound induced by Cu-K shell monochromatic X rays irradiation
2006G208	HIEDA Kotaro Rikkyo Univ.	Photon energy dependence(2-15KeV)of bystander effects
2006G209	KATAOKA Mikio NAIST	Analysis of the protein-protein interactions on the adapter-protein(GGA protein) using solution x-ray scattering
2006G210	IMAMOTO Yasushi NAIST	Oligomerization State of G-Protein Coupled Receptors
2006G211	WATAOKA Isao Shinshu Univ.	High-order structural characteristics of chondroitin sulfate families: Conformational effect by metal ion in water
2006G212	SHIMAO Daisuke Ibaraki Prefectural Univ. of Health Sci.	Optimization of X-ray Computed Tomography for depicting articular cartilage
2006G213	MAEZAWA Hiroshi The Univ. of Tokushima	Bystander effects on mammalian cells irradiated with monochromatic X-ray microbeam
2006G215	HUANG Zechun CAS, China	Cellular distribution of elements and arsenic species in different ecotype of <i>Pteris vittata</i> L
2006G216	CHEN Chunying CAS, China	Study on the interaction between metalloproteins and toxic elements in biological systems
2006G217	SAITO Norio AIST	X-ray intensity standard in a few keV region using a cryogenic calorimeter
2006G218	CHEN Jianwen CAS, China	Digital phase difference amplification in X ray interferometer for biological specimens
2006G219	AIURA Yoshihiro AIST	Development of ARPES on quasi-2D materials using multi-axis cryogenic sample manipulator II
2006G220	KATO Hiroo Hiroshima Univ.	Angle-resolved photoemission study of epitaxial α -La(0001) thick films on W(110)

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2006G221	ISHII Yoshihiro Tokyo Metropolitan Univ.	Photoemission Spectroscopy of Fullerene Peapods
2006G222	AMEMIYA Kenta KEK-PF	Adsorption structure of molecules depending on the magnetization directions of Ni,Co/Cu(001) thin films
2006G223	SOEJIMA Kouichi Niigata Univ.	The study of electronic correlation with photodouble ionization
2006G224	KAKIZAKI Aito The Univ. of Tokyo	Electronic properties of transition metal silicides by using high resolution photoemission experiment
2006G225	NAGATA Tetsuo Meisei Univ.	Photoionization of 3d transition-metal atoms in the 3p and 3s region
2006G226	KAMAKURA Nozomu KEK-PF	Electronic states of alkali metal adsorption system on graphite
2006G227	AMEMIYA Kenta KEK-PF	Magnetism and structure of Co/Ru thin films studied by depth-resolved EXAFS and XMCD
2006G228	AMEMIYA Kenta KEK-PF	Effects of CO adsorption on the magnetism and structure of Fe/Cu(001) thin films
2006G229	WAKITA Takatori Okayama Univ.	Study of adsorbates-mediated reconstructed Si(111) surface by multiatom resonance photoemission spectroscopy
2006G230	ITO Kenji KEK-PF	Multiple-ionization processes of atoms and molecules associated with inner valence photoionization using a time-of-flight electron analyzer with a magnetic bottle and light/electric chopper
2006G231	STARK Glenn Wellesley College	Photoabsorption cross sections of carbon dioxide in the vacuum ultraviolet
2006G232	TEZUKA Yasuhisa Hirosaki Univ.	Resonant X-ray Raman Scattering Study of Ti-oxide
2006G233	KITAJIMA Masashi Tokyo Inst. of Tech.	Development of Cold Collision Electron Spectroscopy utilizing SR
2006G234	NAKAJIMA Nobuo Hiroshima Univ.	Soft X-ray emission study on photo-induced luminescence of (Pr,Al)-doped SrTiO ₃ powders
2006G235	KOIDE Tsuneharu KEK-PF	Angle, Temperature, Magnetic Field Dependencies of Angle-Resolved Soft X-ray Magnetic Circular and Linear Dichroism in Highly Correlated Electron Compounds
2006G236	KOIDE Tsuneharu KEK-PF	A soft X-ray Resonant Scattering and Diffraction Study of Nano-Magnets and Strongly Correlated Electron Systems with Nano-Scale Period Lengths
2006G237	SAKURAI Hiroshi Gunma Univ.	Momentum density of textured DNA
2006G238	MIYAHARA Tsuneaki Tokyo Metropolitan Univ.	R&D study on shortening of the pulse length of soft x-ray synchrotron radiation
2006G239	IWAZUMI Toshiaki KEK-PF	Development of Polarization Analysis of Resonant X-ray Emission Spectra
2006G240	KITAMOTO Shunji Rikkyo Univ.	Evaluations of an Imaging Polarimeter with Multi-Layer Coated CCD
2006G241	UEJI Yoshinori The Univ. of Tokyo	Study of Structure and Magnetism of Materials by Using Linear/Circular Polarized XAFS and DAFS
2006G243	AKIMOTO Koichi Nagoya Univ.	Interface between insulators and semiconductors revealed by extremely asymmetric X-ray diffraction
2006G244	AKIMOTO Koichi Nagoya Univ.	Thin line-shape X-ray beams for cross-sectional observation of superlattice
2006G246	ARIMA Taka-hisa Tohoku Univ.	X-ray Absorption Spectroscopy of Chiral Magnets
2006G247	TABUCHI Masao Nagoya Univ.	Distribution of In atom in GaInN layers and at GaN/GaInN hetero-interface analyzed by X-ray CTR scattering measurement
2006G248	KAWAMOTO Tadashi Tokyo Inst. of Tech.	Structural properties of organic conductors including selenium atoms
2006G249	KAGI Hiroyuki The Univ. of Tokyo	Symmetrization of hydrogen bonding observed from precise measurements compressibility of hydrous minerals
2006G250	KUBO Tomoaki Kyushu Univ.	In-situ X-ray observations of grain nucleation during high-pressure phase transformations
2006G251	KUBO Tomoaki Kyushu Univ.	In-situ X-ray observations of grain growth kinetics at high pressure
2006G252	HARUYAMA Osami Tokyo Univ. of Sci.	Analysis of Local Structure of Pd-Cu-P Metallic Glasses by Anomalous X-ray Scattering near Pd-K Absorption Edge Energy
2006G253	MIYAKE Akira Kyoto Univ.	In-situ observation of crystal structure and phase transition of high-temperature orthopyroxene by high-temperature X-ray experiments
2006G254	KUDOH Yasuhiro Tohoku Univ.	Effect of pressure on the crystal structure of high pressure form MgAl ₂ O ₄
2006G255	ARIMA Taka-hisa Tohoku Univ.	X-ray diffraction study of charge and orbital ordering in Bi _{1-x} Sr _x MnO ₃
2006G256	KUBOZONO Yoshihiro Okayama Univ.	Study on high-pressure and low-temperature phases of metal doped fullerene crystals
2006G257	KUSABA Keiji Tohoku Univ.	High-pressure phase transitions of MgF ₂ and ZnF ₂ with the rutile-type structure

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2006G258	MANIWA Yutaka Tokyo Metropolitan Univ.	Structural studies on carbon nanotube complexes
2006G259	MANIWA Yutaka Tokyo Metropolitan Univ.	Structural and optical properties of alkali-loaded zeolites
2006G260	TACHIBANA Masaru Yokohama City Univ.	Identification of defects in protein crystals by means of X-ray phase-contrast imaging
2006G261	ABE Hiroshi NDA	Resonant Inelastic X-Ray Scattering Measurements in Al-Ni-Co and Al-Ni-Fe Quasicrystals
2006G262	KURIBAYASHI Takahiro Tohoku Univ.	The effects of OH \rightleftharpoons F replacements on the polyhedral compression in the subduction zone
2006G263	YASHIMA Masatomo Tokyo Inst. of Tech.	Ferroelectric-paraelectric phase transition in the barium titanate BaTi ₂ O ₅
2006G264	YASHIMA Masatomo Tokyo Inst. of Tech.	In situ observation of the tetragonal-cubic phase transition in the ceria-zirconia system
2006G265	WATANABE Norio Univ. of Tsukuba	High Resolution 3D Phase-Contrast Tomography by using an X-ray Phase-Contrast Microscope with a Zone Plate
2006G266	ZHANG Xiaowei KEK-PF	Development of an ultra-precision lattice comparator
2006G267	SIKANAI Fumihito KEK-PF	Electron Density Distribution in Protonic Conductor K ₃ H(SeO ₄) ₂
2006G268	NISHIKAWA Hiroyuki Univ. of Tsukuba	Studies on charge ordering of molecular conductors composed of reduced π -electron systems
2006G269	OGATA Hironori Hosei Univ.	Structure analysis of novel fullerene-functionalized nano-whiskers
2006G270	KONDO Tadashi Tohoku Univ.	Melting experiments of iron-light element system under high pressure
2006G271	MATSUISHI Kiyoto Univ. of Tsukuba	High-Pressure Structural Properties on Organic-Inorganic Complex Semiconductors with Dimension-Controlled Quantum Structures
2006G272	IKEMOTO Hiroyuki Toyama Univ.	Crystalline to Amorphous Transition of Bismuth Cluster
2006G273	MURMATSU Takeshi Tohoku Univ.	Anomalous Magnetic and Quadrupolar Orderings in RB ₄ and RB ₂
2006G274	FUKAMACHI Tomoe Saitama Inst. of Tech.	Development of new crystal X-ray waveguide and its application
2006G275	NAKANO Satoshi NIMS	X-ray diffraction on high-pressure polymorph of low-Z hydrides
2006G276	YAGI Takehiko The Univ. of Tokyo	Development of high pressure-temperature X-ray diffraction techniques by an opposed-anvil type apparatus using sintered diamond
2006G277	MURAKAMI Youichi Tohoku Univ.	Impurity Effects of Orbital Ordering in Transition Metal Oxides
2006G278	FUJIMOTO Hiroyuki AIST	Development of Critical Dimension Characterization Method Using SR X-ray
2006G279	WASEDA Atsushi AIST	Thickness measurement of silicon oxide layer on the single crystal silicon sphere
2006G280	KOHNO Atsushi Fukuoka Univ.	Structural Study of Bi-layered Ferroelectric Thin Films on Si Substrates and Film/Si Interface
2006G281	NAKAMOTO Yuki Osaka Univ.	Electron density distribution and crystal structure of ferroelectrics by single crystal diffraction study at high pressures
2006G282	YAMANAKA Takamitsu Osaka Univ.	Pressure dependence of electron density distribution and cation ordering of Mn _{3-x} Ti _x O ₄ , Mn _{2-x} Ti _x O ₃ , MgTiO ₃ solid solution
2006G283	YAMANAKA Takamitsu Osaka Univ.	Structure and phase transition of post-spinel and post-perovskite of manganese titanate
2006G284	KAWANO Masaki The Univ. of Tokyo	Synchrotron structure analysis of self-assembled giant metal complexes and in situ observation of photo-induced unstable intermediates
2006G285	SUGIYAMA Kazumasa The Univ. of Tokyo	Structural analysis for the middle range ordering of naegite by means of X-ray anomalous scattering
2006G286	MATSUHATA Hirofumi AIST	Study on dislocations in SiC crystals
2006G287	HAYASHI Koichi Tohoku Univ.	In-situ observation of X-ray waveguide phenomena in organic thin films using SR white X-ray beam
2006G288	MIZUNO Kaoru Shimane Univ.	Determination of diffusion coefficient of hydrogen in titanium-hydride by means of X-ray refraction contrast imaging method
2006G289	MIZUNO Kaoru Shimane Univ.	Investigation of lattice defects in ZnTe thin film by grazing incident X-ray topography
2006G290	GUNJI Shuichi Yamagata Univ.	Performance test of hard X-ray Polarimeter for Balloon-borne Experiment(PHENEX)
2006G291	TAKASE Kouichi Nihon Univ.	XAFS study of anodic porous alumina
2006G293	OKOSHI Kento ERATO	Dynamic X-ray analysis on Smectic C-Smectic A-Cholesteric phase transition of hard-rod polymers

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2006G294	COOK Desmond Old Dominion Univ.	Role of organo-sulfur compounds in the conservation of archeological wood and organic artifacts
2006G295	KAMATA Kaori Tokyo Inst. of Tech.	Dynamics of Phase-Separated Structure Formation Aligned Block Copolymer
2006G296	NISHIKAWA Keiko Chiba Univ.	Study on Structural Fluctuation of Supercritical Solutions
2006G297	MATSUBA Go Kyoto Univ.	Shish-Kebab Structural Formation under Shear Flow with Polyethylene Blend
2006G298	MATSUBA Go Kyoto Univ.	Structural Formation in the induction period of crystallization of Polyesters just below the melting temperature
2006G299	YAJIMA Hirofumi Tokyo Univ. of Sci.	Characterization of Self-Assembly Structure of Antioxidant Chitosan-Fullerene Conjugates with SAXS
2006G300	OHSATO Hitoshi Nagoya Inst. of Tech.	Development of New Functional Ceramics by Local Structure Analysis
2006G301	AYUSAWA(ARAI) Asako Chiba Univ.	Study of liquid structure for ionic liquids by small angle x-ray scattering
2006G303	UENO Satoru Hiroshima Univ.	Observation for crystallization of high-melting fats on the oil-water interface in an oil droplet of O/W emulsion
2006G304	IKEMOTO Hiroyuki Toyama Univ.	Structure of Liquid Bi-Te
2006G305	ORIHARA Hiroshi Hokkaido Univ.	Micro structure analysis of soft matters using X-ray anomalous dispersion effect
2006G306	AMEMIYA Yoshiyuki The Univ. of Tokyo	Observation of diffusion process of polyolefin at the polymer interface by x-ray scattering
2006G307	HAYASHI Kenichiro Univ. of Tsukuba	Chemical evolution of hydrothermal systems associated with granitic pluton
2006G308	OHKUBO Takahiro Tokyo Univ. of Sci.	Structural Analysis of Metal Ions Restricted in Lamellar Layer
2006G309	OHSAWA Takahito JAEA	XPS and XAES observations of noble gas irradiated to solid materials
2006G310	BABA Yuji JAEA	Chemical-state-selective mappings of solid surfaces by micro-XAFS using soft X-rays
2006G311	HARADA Masafumi Nara Woman's Univ.	XAFS Study for Inorganic Pharmaceuticas under Physiological Condition
2006G312	NAGANO Masamitsu Saga Univ.	Preparation and Analysis of electronic structure of single phase BCN films deposited on different substrates by plasma CVD
2006G313	MIMURA Naoki AIST	XAFS analysis of mesoporous silica modified by metal ions for radical generation
2006G314	SAKANE Hideto Univ. of Yamanashi	Hydration Structure Analysis of rubidium ion in ion-exchange resins
2006G315	HARA Kazuhiro Kyushu Univ.	Effects of Macroscopic-Anisotropy Application on the Microscopic Structure in Gel
2006G316	FUKUMI Kouhei AIST	Coordination structure of implanted Br ions in silica glass
2006G317	YAMAMOTO Katsuhiro Nagoya Inst. of Tech.	Analysis of Peculiar Electron Density Profile of Macrophase Separated Structure of Weakly Segregated Block Copolymers
2006G318	MATSUURA Haruaki Tokyo Inst. of Tech.	XAFS analysis on actinide species related to pyrochemical reprocessing of spent nuclear oxide fuels
2006G319	MATSUURA Haruaki Tokyo Inst. of Tech.	Mixing oxide effect on the rare earth ions in molten fluorides
2006G320	SHISHIDO Tetsuya Kyoto Univ.	In situ time-resolved XAFS study of supported Chromium oxide in the dehydrogenation of lower alkanes
2006G321	NUMAKO Chiya The Univ. of Tokushima	Characterization for Zn and Ag in an antimicrobial glaze of ceramics by XAFS technique
2006G322	ENDO Osamu Tokyo Univ. of Agri. & Tech.	C1K-XAFS study on the effect of UV irradiation and the reaction of water on silver chloride ultrathin films formed on Ag(111)
2006G323	ENDO Osamu Tokyo Univ. of Agri. & Tech.	XAFS study on structures of potassium aggregates on a columnar pattern of <i>n</i> -alkanes formed on graphite(0001)
2006G324	SHIRAI Masayuki AIST	Structure Analysis of Supported Ruthenium Catalysts for Lignin Gasification in Supercritical Water
2006G325	YAITA Tsuyoshi JAEA	Clarification of Mechanism of Actinide Ion Recognition by Photochromic Ligand
2006G326	KUDO Akihiko Tokyo Univ. of Sci.	XAFS analysis of cocatalyst loaded on photocatalysts for water splitting
2006G327	SEGAWA Kouichi Sophia Univ.	XAFS and XPS study on NiMo catalysts with citric acid supported on TiO ₂ -Al ₂ O ₃ composite for ultra deep HDS
2006G329	TANAKA Isao Kyoto Univ.	Local electronic structure of Mn dopants in Ga _{1-x} Mn _x N diluted magnetic semiconductors
2006G330	EBA Hiromi AIST	Characterization of nano-crystalline ZnGa ₂ O ₄ and related oxides using Low-temperature XAFS

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2006G331	KUBOTA Takeshi Shimane Univ.	Study of the changes of local structure of the active sites of Co-Mo hydrodesulfurization catalysts by sulfidation condition
2006G332	HANDA Makoto Shimane Univ.	Study of structure and magnetic property for coordination polymers of ruthenium pivalate dimer linked by carboxylic acid
2006G333	ANNAKA Masahiko Kyushu Univ.	Study on the Supramolecular Nano-structures and Their Transition Formed by Metal Coordinating Polymer By Small-angle X-ray Scattering utilizing Anomalous X-ray Dispersion Effect
2006G334	ANNAKA Masahiko Kyushu Univ.	Study on Structure Formation of Amphiphilic Polymers in Water and Their Complex Formation with Biomolecule by Time-resolved Small-angle X-ray Scattering
2006G335	Chun WangJae Hokkaido Univ.	Synthesis and Structure Analysis of The Atomically Dispersed Metal species on Modified TiO ₂ (110)Surface by Organic compounds
2006G336	ASAKURA Kiyotaka Hokkaido Univ.	Structure analysis of a PdTe catalyst prepared by a liquid phase reduction method
2006G337	IWASAWA Yasuhiro The Univ. of Tokyo	XAFS Study on Ordered Crystalline Ce ₂ Zr ₂ O _x -Supported Ni Catalysts in CH ₄ Steam Reforming Processes
2006G338	FUJISAWA Kiyoshi Univ. of Tsukuba	Structural Analysis of Transition Metal Clusters by XAFS
2006G339	FUJISAWA Kiyoshi Univ. of Tsukuba	Elucidation on Electronic Structures of Transition Metal Complexes by Ligand K-edge Spectroscopy
2006G340	RIDGWAY Mark ANU	Structure of the amorphous phase formed by swift heavy-iron irradiation of compound semiconductors
2006G341	LAY A. Peter Univ. of Sydney	X-ray Absorption Spectroscopic Studies of Bioinorganic Systems
2006G342	KUTSUMIZU Shoichi Gifu Univ.	Relationship between ionic aggregates with inhomogeneous structure in binary ionomer blends and their mechanical behavior
2006G343	NAKAGAWA Keizo Kyushu Univ.	Analysis of local structures of alloy nano-particles coated with silica layers
2006G344	IKEUE Keita Kumamoto Univ.	Elucidation of local structure of active site on the diesel PM combustion catalysts
2006G345	IIDA Atsuo KEK-PF	The dynamic local molecular ordering and layer structure of the (anti)-ferroelectric liquid crystals by X-ray scattering and optical response
2006G346	YAMAMOTO Hiroyuki JAEA	Investigation of the film formation, aggregation and oxidation process of the iron silicide compounds by high-energy XPS and micro-XPS
2006G347	TAKAHASI Yoshio Hiroshima Univ.	A mechanism of the enrichment of heavy REE as a signature of bacteria in natural waters
2006G348	TAKAHASI Yoshio Hiroshima Univ.	A study on the formation process of banded iron hydroxide deposit
2006G349	KURODA Yasushige Okayama Univ.	Site-selective structural analysis of copper-ion-exchanged zeolite by utilizing optical XAFS method
2006G351	NAKAHIRA Atsushi Osaka Prefecture Univ.	Study of local structure of Zn-doped amorphous apatite by XAFS
2006G352	YAMAGUCHI Noriko NIAES	Identification of Iron Aluminum Mineral Phases in Soil Organic Matter by XANES
2006G353	ENTA Yoshiharu Hiroshima Univ.	A Study on Depth Profile of Silicon Insulator Films
2006G354	KONDO Hiroshi The Univ. of Tokyo	Development of electron-yield ambient-pressure NEXAFS technique and its application to atmospheric surface chemistry
2006G355	KONDO Hiroshi The Univ. of Tokyo	Mechanistic study of surface reactions by means of fast-NEXAFS and micro-XPS techniques
2006G356	KONISHI Takehisa Chiba Univ.	XAFS study of structure and electronic structure of magnetite nanoparticles
2006G357	MIKOUCHI Takashi The Univ. of Tokyo	XANES estimate of Fe ³⁺ /ΣFe of amphiboles in meteorite samples
2006G358	NAKAHIRA Atsushi Osaka Prefecture Univ.	Study of structures of metal-ion doped mesoporous bulks by modified hydrothermal processes
2006G360	IKEUE Keita Kumamoto Univ.	Elucidation of local structure of lanthanide oxysulfides with oxygen storage property
2006G361	ISIJI Koutaro KEK-PF	Observation of photo-, and X-ray-induced phase transition of Prussian blue analogs by X-ray absorption spectroscopy
2006G362	BANDO Kyoko AIST	In-situ XAFS analysis of supported Au catalysts under partial oxidation reaction conditions
2006G363	BANDO Kyoko AIST	Combined in-situ XAFS and IR Analysis of Dynamic Structural Change of Active Sites on Catalysts
2006G364	SAKO Erika KEK-PF	S-C cleavage reaction of thiophene on a Au(III) surface
2006G365	HU Xiaojian Fudan Univ.	The Crystal Structure of Type II Restriction Enzyme of Sau3AI
2006G366	ITO Hiroshi Natl. Inst. of Genetics	Structural study of the discriminative DNA-recognition mechanism by a bacterial transcription factor
2006G367	ARII Yasuhiro Aoyama Gakuin Univ.	Structure determination of low-molecular-weight substance-binding zymogen granule associated protein

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2006G368	IDA Koh Kitasato Univ.	X-ray crystallographic analysis of flavin enzyme
2006G369	NAKAE Taiji The kitasato Inst.	Structural analysis of bacterial transporter protein
2006G370	SHIBATA Naoki Univ. of Hyogo	X-ray structural studies of Dvl DIX domain and its complex with Axin
2006G371	MATSUI Ikuo AIST	Structure analysis of DNA polymerase D from hyperthermophile <i>P. horikoshii</i>
2006G372	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of C2 domain of Slp2-a
2006G373	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of α -L-iduronidase
2006G374	NARIMATSU Hisashi AIST	Crystallographic studies of human glucosyltransferases, ppGalNAcTs, β 3GnT6FUT9
2006G375	WAKABAYASHI Takeyuki Teikyo Univ.	Structural basis of interaction between troponin and tropomyosin
2006G376	YUAN S. Hanna Academia Sinica, Taiwan	Non-specific nucleases in apoptosis
2006G377	LIAW Shwu-Huey Natl. Yang Ming Univ., Taiwan	Geomic studies of the cytidine deaminase superfamily: from mononucleotide to RNA(DNA)-editing deaminases
2006G378	WAKATSUKI Soichi KEK-PF	Crystal structure analysis of the complexes between penta-EF-hand protein ALG-2 and membrane traffic regulators
2006G379	WAKATSUKI Soichi KEK-PF	X-ray crystallography of SULT1A3 complex in with a polyoxometalate
2006G380	NOJIRI Hideaki The Univ. of Tokyo	X-ray diffraction analysis of diterpene cyclases
2006G381	KATOH Kouichi Nagoya City Univ.	Crystallographic analysis of intracellular lectins as cargo receptors
2006G382	MURAYAMA Kazutaka Tohoku Univ.	Structural basis for amino acids recognition mechanism of trans-editing enzyme proX
2006G383	ITOH Nobutoshi Tohoku Univ.	Crystallographic analysis of transcription factor Bach1
2006G384	WAKATSUKI Soichi KEK-PF	Crystallographic analysis on gda1p from <i>Saccharomyces cerevisiae</i>
2006G385	WAKATSUKI Soichi KEK-PF	Crystallographic analysis on galectin-9 null mutant
2006G386	YANAGISAWA Tatsuo RIKEN	Crystal structure of aminoacyl-tRNA synthetase-like protein GenX
2006G387	HATA Yasuo Kyoto Univ.	Crystallographic Analyses of Structure and Functional Expression of Enzymes Involved In Metabolic Pathway of γ -Resorcyolate
2006G388	RAO Zihe Tsinghua Univ.	Structural insights into SARS coronavirus proteins
2006G389	TAKENAKA Akio Tokyo Inst. of Tech.	X-ray structural studies on collaboration reaction mechanism of CoA alkylation
2006G390	KOIKE Hideake AIST	Structural determination and analysis of global transcriptional regulatory protein-DNA complexes
2006G391	KONNO Michiko Ochanomizu Univ.	Crystal structure of the complex of <i>Pyrococcus horikoshii</i> arginyl-tRNA synthetase lack of N-terminal domain and tRNA
2006G392	ODAKA Masafumi Tokyo Univ. of Agri. & Tech.	X-ray crystallographic studies on activation and reaction mechanism of nitrile hydratase family proteins
2006G393	MIYOSHI Toshinobu KEK-PF	The development of high-gain HARP detector for protein crystallography and imaging
2006G394	KUBOTA KENJI Gunma Univ.	Complex Formation of Sulfobetaine-type surfactants with proteins
2006G395	HAYASHI Yoshihiko Nagasaki Univ.	Quantitative Elemental Analyses of Remineralized Enamel Lesion Using Synchrotron Radiation
2006G396	YOHDA Masafumi Tokyo Univ. of Agri. & Tech.	Analysis of reaction cycle of group II chaperonin and its interaction with prefoldin by small angle X-ray scattering
2006G397	IZUMI Yoshinobu Yamagata Univ.	Electric charge balance mechanism of extended soluble protein revealed by SAXS, III
2006G398	KUWAJIMA Kunihiro The Univ. of Tokyo	Exploring the mechanisms of ATP-binding and allosteric transition of GroEL by using a single-ring variant
2006G399	YAMAMURA Takeshi Tokyo Univ. of Sci.	Peptide Models for [NiFe] hydrogenase Active Site. Search of Protonated [Ni(Cys-S) ₄] and Ni-Fe Compounds
2006G400	SAKAKIBARA Yuzuru Univ. of Tsukuba	Evaluation of therapeutic angiogenesis by synchrotron radiation microangiography
2006G401	YACHANDRA K. Vittal LBNL	Structure and Role of the Calcium Cofactor in Photosynthetic Oxygen Evolution
2006G402	KUMAR K. R. Penmetcha AIST	Probing the roles of divalent metal ions for regulating RNA-protein interactions using soft X-ray absorption spectroscopy

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2006G403	SUGIYAMA Masaaki Kyoto Univ.	Investigation on molecular behavior and aggregation of eye-lens protein, α -crystalline
2006G404	TOKUMORI Kenji Kyushu Univ.	Development of a fluorescent x-ray source with a microwire
2006G406	KIHARA Hiroshi Kansai Medical Univ.	Folding Mechanism of proline-rich β -sheet proteins. FHA domain and fibronectin
2006G407	KIHARA Hiroshi Kansai Medical Univ.	Kinetic analysis on the folding core of beta-sheet protein
2006G408	CHIKAWA Jyunichi CAST	Role of mineral metabolisms in brain activity
2006G409	ITOH Atsushi Tokai Univ.	Imaging analysis of biological specimens in water environment in the soft X-ray region
2006G410	HIRAI Mitsuhiro Gunma Univ.	Structural study of role of glucosphingolipids on neuroaxonal formation
2006G411	NAGANUMA Takeshi Hiroshima Univ.	Effects of synchrotron radiation on stress-resistant organisms and bio-chemicals
2006G412	KOBAYASHI Katsumi KEK-PF	Research on hypersensitivity in low dose region using synchrotron X-ray microbeam
2006G413	KOBAYASHI Katsumi KEK-PF	Research on cell killing effect of synchrotron X-ray microbeam
2006G414	KOBAYASHI Katsumi KEK-PF	Survey of practical sensitizers containing heavy elements for radiotherapy of cancer
2006P001	SAKURAI Hiroshi Gunma Univ.	Perpendicular magnetic anisotropy and local atomic structure in amorphous TbFeCo thin films
2006P002	OKAMOTO Kazuaki Academia Sinica, Taiwan	Mirco-XANES determination of ferric iron in omphacite
2006P003	KANDA Kazuhiro Univ. of Hyogo	Local structure of three-dimensional nano-structure formed with focused-ion-beam chemical-vapor-deposition
2006P004	MAEDA Kouji The Univ. of Tokyo	Study of Desorption induce by Core Excitations of Amorphous Carbon Using Auger-Electron Photoion Coincidence Spectroscopy
2006P005	TAKAOKA Masaki Kyoto Univ.	Behavior of Lead, Chromium, Chlorine in Bottom Ash during Calcination
2006P006	YAMAGUCHI Kazuya The Univ. of Tokyo	Design of solid acid and oxidation catalysts based on metal oxides and their structure analysis
2006P007	FUJITA Koji Kyoto Univ.	Electronic state of titanium in the oxide magnetic semiconductors
2006P008	HUANG Yuying CAS, China	Nondestructive Analysis of Trace Element in Single Fluid Inclusion by SR-XRF
2006P009	KOSHIDA Kichiro Kanazawa univ.	Development of OSL dosimeter filter for 5keV-30keV photons
2006P010	LI Zheng Tsinghua Univ.	Study on 3D phase reconstruction of in-line phase-contrast computed microtomography with monochromatic and polychromatic SR X-rays
2006P011	ZHANG Yuanxun CAS, China	Study of moss as air pollution monitor using synchrotron radiation techniques
2006P012	TAKASE Kouichi Nihon Univ.	XMCD study of room temperature ferromagnetic semiconductor $(La_{1-x}Ca_xO)Cu_{1-x}Ni_xS$
2006P013	INAGUMA Yoshiyuki Gifu Univ.	Structure refinement for tetragonal perovskite-type oxyfluoride, $PbFeO_2F$
2006P014	ABE Kouji Univ. of Electro-Commun.	Laue topographic study of domain formation mechanism at phase transition point for quartz
2006P015	KAJIWARA Takashi Tohoku Univ.	Pressure effects on the structure and physical properties of Fe(II)-Fe(III) alternate single-chain magnet
2006P016	TANIMORI Toru Kyoto Univ.	Development of imaging photon-counting detector based on micro pixel gas detector for time-resolved crystallography
2006P017	SUZUKI Shinya The Univ. of Tokyo	Analysis on dynamic behavior of local structure around Ti, Mn in novel layer-structured oxide composed of manganese oxide layers and titanium oxide layers using in situ XAFS
2006P018	MIYANAGA Takafumi Hirosaki Univ.	Local structure around Mg atoms in MgZnO thin films by XAFS
2006P019	KAGI Hiroyuki The Univ. of Tokyo	Determining oxidation state of lower mantle using micro X-ray beam
2006P020	SUZUKI Carlos Kenichi The State Univ. of Campinas	Short range order structure of silica-germania and silica-titania glasses synthesized by nanotechnological processes
2006P021	SATOH Hitoshi Ibaraki Prefectural Univ. of Health Sci.	Measurement of the response characteristic for the monochrome X-rays of a functional dyes 2-dimensional detection sheet
2006P022	HARADA Makoto Tokyo Inst. of Tech.	Thermal lens XAFS

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2006C001	NOMURA Masaharu Fuji Photo Film Co., Ltd.	Structural and chemical state analysis of small quantity additives in inorganic materials
2006C002	WAKATSUKI Soich Sankyo Co., Ltd.	Purification, crystallization and X-ray structure analysis of complexes between proteins and small ligands for drug design
2006C003	ISAWA Masaaki Toshiba IPSS	Experimental study of a compact damped-cavity using simple HOM couplers.
2006C004	NOMURA Masaharu Nippon Steel Corp.	Dynamical explication of material processing with SR
2006C005	NOMURA Masaharu Toyota Central R&D Labs. Inc.	Time-resolved XAFS analysis of automobile catalysts
2006C006	NOMURA Masaharu Toray Research Center, Inc.	Development of chemical characterization of contamination on wafer surface
2006C007	IIDA Atsuo Fujitsu Laboratories Ltd.	Study on structure analysis of thin film surface and interface
2006C008	WAKATSUKI Soichi Nikkyo Technos Co., Ltd	Advancement of protein crystallization system
2006C009	WAKATSUKI Soichi Astellas Pharma Inc.	Development of bio-macromolecular structural and functional analysis technology by synchrotron radiation X-ray source
2006C010	WAKATSUKI Soichi JT	X-ray crystal structure analysis of complexes between drug target proteins and small ligands
2006C011	IIDA Atsuo Canon Inc.	Study on microanalysis using SR X-ray microbeam
2006C012	NOMURA Masaharu Mitsubishi Chemical Co.,	XAFS analysis of phosphors for solid state lighting
2006C013	NOMURA Masaharu Mitsui Chemical Analysis &	XAFS analysis of small quantity metals in thin films and catalysts
2006C014	HIRANO Keiichi Hitachi, Ltd.	Research on imaging and materials estimation
2006C015	WAKATSUKI Soichi Toray Research Center, Inc.	Development of rapid protein structural analysis using cell free protein expression system and synchrotron X-ray
2006C016	YAGISHITA Akira Nikon Corp.	SR characterization of X-ray multilayer mirrors
2006C017	KISHIMOTO Shunji Ohyo Koken Kogyo Co., Ltd.	Development of high-counting rate scintillation counters for high energy X-rays
2006C018	KOBAYASHI Katsumi Center Res. Inst.Electric Power	Study on bystander effects using SR X-ray microbeam
2006C019	NOMURA Masaharu Nippon Oil Corp.	XAFS studies of catalysts for base oil production of lubricant and energy-conserving type lubricants
2006C020	NOMURA Masaharu Nippon Oil Corp.	XAFS studies on regenerated hydrodesulfurization catalysts
2006C021	KOBAYASHI Katsumi JFE Steel Corp.	Technological establishment of nano-level analysis of materials with SR
2006C022	WAKATSUKI Soichi Protein Wave Co.	X-ray crystal structure analysis of functional proteins in complex with various inhibitors
2006C023	KATO Ryuichi Sumitomo Chemical	Study of the dynamics of synthetic high polymers by small angle X-ray scattering
2006C024	KAWATA Hiroshi ERATO, JST	Construction and use of SR beamline for sub-nanosecond time-resolved X-ray diffraction experiments
2006Y001	ARAI Kazuo NIMS	Estimation of dislocations in SiC crystals for developing the fundamental technology of power electronic inverters
2006Y002	TOMIMOTO Yusuke Toray Research Center, Inc.	Analysis of the cubic construction of the complex of kinase and new chemical compound
2006Y003	HATTORI Makoto Sumitomo Chemical Co., Ltd.	Structural analysis of fine ceramics by X-Ray Absorption Fine Structure
2006Y004	OHSHIMA Etsuo Kyowa Hakko Kogyo Co. Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y005	HORIUCHI Tadashi Daiichi-Sankyo Co. Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y006	KOBAYASHI Seiichi Eisai Co. Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y007	TSUCHIYA Masayuki Chugai Pharmaceutical Co., Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y008	KUDOH Yoshihiro Sony Co.	XAFS Analysis on Si
2006Y009	MIWA Kiyoshi AJINOMOTO Co., Inc.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y010	YAMAMOTO Iwao Mitsubishi Chemical Co.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y011	FURUKAWA Hidehiko Sankyo Co., Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design

Proposal Number	Spokesperson	Title
2006Y012	Banyu Pharmaceutical Co., Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y013	MIYAKE Hiroshi Astellas Pharma Inc.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2006Y014	IDA Takashi Nagoya Inst. Tech.	Studies on high-resolution powder x-ray diffractometry
2006Y015	KUDOH Yoshihiro Sony Co.	XAFS Analysis on Mg
2006Y016	YAMAMOTO Iwao Mitsubishi Chemical Co.	XAFS analysis of solid electrolyte interface of Li ion battery
2006Y017	KAMIMURA Midori Teijin Pharma Ltd.	Structural studies on the interactions of disease-related proteins and their inhibitors.

*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.