

Proposal Number	Spokesperson	Title
2007S2-001	ANDO Masami Tokyo Univ. of Sci.	Basic Study towards High Performance Mammography
2007S2-002	OHTANI Eiji Tohoku Univ.	In situ X-ray Imaging of Melts at high pressure, and its applications to the Earth and planetary interior
2007U001	HAYASHI Koichi Tohoku Univ.	Uncommon local atomic arrangement around As in Si crystalline
2007U002	UNNO Hideaki Nagasaki Univ.	Crystal structure analysis of Hepatitis E virus virus-like particle
2007U003	TAKAHASHI Hiroyuki The Univ. of Tokyo	Development of a nano strip Gas Chamber (NSGC)
2007U004	CHAI Jijie NIBS, China	Structural basis for activation of plant immunity by an effector protein AvrPtoB
2007U005	SHINODA Koso Tohoku Univ.	Identification of Arsenic Biochemical Compound in Hyper-Accumulating Plant
2007U006	MIYAHARA Tsuneaki Tokyo Metropolitan Univ.	Measurement of optical constants of As rich GaAs around the As 3p excitation region
2007U007	SHAO Feng NIBS, China	Structural studies of interactions between the bacterial pathogenic effector proteins and their host cell targets
2007G001	HU Xiaojian Fudan Univ., China	The Structure of Type IIe Restriction Enzyme Sau3AI
2007G002	DOBASHI Toshiaki Gunma Univ.	Coupling of orientation and cross-linking induced by ionic flow
2007G003	IZUMI Yoshinobu Yamagata Univ.	Structural study on the association of citrullinated S100A3 using small angle X-ray scattering
2007G004	SUH Se Won Seoul Natl. Univ., Korea	MAD data collection on Dom34/Pelota proteins for structural understanding of no-go mRNA decay
2007G005	AREE Thammarat Chulalongkorn Univ., Thailand	Dynamic and Thermodynamic Properties of Crystalline Glycine Polymorphs from Multi-Temperature X-ray Diffraction Data
2007G006	STRELTSOV Victor CSIRO	Structural Studies of a Lymphangiogenic Protein
2007G007	SUGIYAMA Shigeru The Univ. of Tokushima	Effect of the fine structure changes around active site over supported Pd-Te catalysts on the catalytic activities
2007G008	TONEY Michael SLAC, U.S.A.	In situ hydrogen studies of palladium nanoclusters
2007G009	SHIMIZU Shigeru Nihon Univ.	Conformational Transition of Poly-L-proline in Solution and the Structures
2007G010	TONOZUKA Takashi Tokyo Univ. of Agri. & Tech.	Study on structures of glucosidases which specifically hydrolyze oligosaccharides of glycoproteins
2007G011	KAWASAKI Shinji Nagoya Inst. of Tech.	Structural analysis of C60 nanowisker under high pressure
2007G012	NARITA Hirokazu AIST	XAFS analysis of solution-state complexes in the platinum group metal separation system
2007G013	INABA Kenji Kyushu Univ.	Structural Biology of the Cellular Machineries Involved in Disulfide Bond Generation
2007G014	EDAMOTO Kazuyuki Rikkyo Univ.	Angle-resolved photoemission study of the Ti oxide films formed on Ag(100)
2007G015	YOSHIMUNE Kazuaki AIST	Determination of amino acid residues responsible for optimum condition of <i>Micrococcus</i> -type glutaminases
2007G016	KINOSHITA Takayoshi Osaka Prefecture Univ.	Structure-Based Drug Design of highly selective casein kinase inhibitors
2007G017	NAKAMURA Takashi Tohoku Univ.	Characterization and energy response measurements of detectors for X-ray dosimetry in low-energy photons in medical uses
2007G018	SATA Noriko Tohoku Univ.	A study on the electronic structure of proton-conductive oxide thin films with structural modulation
2007G019	IGARASHI Jotaro Tohoku Univ.	Structural studies of oxygen sensor protein <i>EcDOS</i> upon ligand binding
2007G020	OKUBE Maki Tokyo Inst. of Tech.	Elastic constants of cadmium chalcogenides determined by TDS under high pressures
2007G022	TSUMOTO Kohei The Univ. of Tokyo	Structural study of poly-ether recognition mechanism by anti-ciguatoxin antibody
2007G023	SAKURAI Takeaki Univ. of Tsukuba	Electronic structure at the interface between bathocuproine and metal
2007G024	SAKURABA Haruhiko The Univ. of Tokushima	Structural analyses of hyperthermophilic L-aspartate oxidase and quinolinate synthase
2007G025	TANAKA Nobutada Showa Univ.	Crystal structure analysis of an isomerase from <i>Plasmodium falciparum</i>
2007G026	HIGUCHI Tohru Tokyo Univ. of Sci.	Electronic Structure of Multiferroic Material Probed by Soft-X-Ray Emission Spectroscopy
2007G027	ISHIZAWA Nobuo Nagoya Inst. of Tech.	Measurement of electron density distribution of lithium manganese oxides using small crystals

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2007G028	ISHIZAWA Nobuo Nagoya Inst. of Tech.	Single-crystal diffraction experiment of ruthenium lanthanide oxides with a structural disorder
2007G029	SHIMIZU Toshiaki Yokohama City Univ.	Structural studies of regulation mechanism of bio-defense related protein, RbohB by small GTPase Rac in plants
2007G030	ZHOU Jiahai CAS, China	Structure of the bovine oligomycin sensitivity conferring protein (OSCP) bound to Bz-423
2007G031	MORI Hiroaki Osaka Univ.	XAFS studies on the local structure of magnetic and photo-responsive multi-functional catalysts
2007G032	EINAGA Hisahiro Kyushu Univ.	XAFS analysis of metal nanoparticles and their deposition on catalyst support
2007G033	TAKAGI Junichi Osaka Univ.	X-ray crystallographic study on ligand recognition mechanism of LDLR related proteins
2007G034	TAKAGI Jyunichi Osaka Univ.	Structural study on extracellular domains of neuronal receptors
2007G035	MIYANAGA Takafumi Hirosaki Univ.	XAFS Study on the Cluster Formation Process in Ag- and Au-Zeolites
2007G036	MIYANAGA Takafumi Hirosaki Univ.	EXAFS thermal factor analysis for filled-skutterudites
2007G037	MIYANAGA Takafumi Hirosaki Univ.	Magnetic transition and local structural distortion for Fe-Rh thin layer alloy
2007G038	SUMI Tomonari Toyoashi Univ. of Tech.	Polymer behavior in supercritical fluids near liquid-vapor phase transition and liquid-liquid phase separation
2007G039	HOSOKAWA Shinya Hiroshima Inst. of Tech.	Why can Vegard's law and Pauling's bond lengths coexist in mixed crystal semiconductors?
2007G040	HOSOKAWA Shinya Hiroshima Inst. of Tech.	Relation between the Mn 3d partial density of states and the distortion of the lattice in diluted magnetic semiconductor $Zn_xMn_{1-x}Te$
2007G041	MORIMOTO Satoshi Kyushu Univ.	Crystal Structure Analysis of Enzymes Involved in Biosynthesis of Marijuana Compounds
2007G042	WATANABE Tsuyoshi Hokkaido Univ.	Understanding coral biomineralization
2007G043	MATSUSHITA Tadashi KEK-PF	Development of a New Type of Wavelength Dispersive X-Ray Reflectometer
2007G044	MAEDA Koji The Univ. of Tokyo	Auger Electron - Photo Ion Coincidence Spectroscopic Study of Desorption from Carbon Materials induced by Core Excitations
2007G045	SHIRAKIHARA Yasuo Natl. Inst. of Genetics	Structural biology of F1-ATPase from a thermophilic bacterium
2007G046	YUGUCHI Nobuaki O.E.C.U	Mechanism of Molecular Chain Assembly during Xyloglucan Gelation by Addition of Small Molecules
2007G047	SEKI Takahiro Nagoya Univ.	Real-time observation of photo-induced nanostructural change in photofunctional block copolymers
2007G048	KUROKAWA Hirofumi Tohoku Univ.	Subatomic Resolution X-ray crystallography of Subtilisin ALP I
2007G049	OHONO Shinya Yokohama Natl. Univ.	Photoelectron spectroscopy study of ultrathin high-k dielectrics modified with electron bombardment at low temperature
2007G050	FUSHINOBU Shinya The Univ. of Tokyo	Crystallographic analysis of novel sugar metabolic enzymes from <i>Bifidobacteria</i>
2007G051	NITANI Hiroaki Osaka Univ.	Local structural analysis of binary noble metal nanoparticle catalysts by XAFS technique
2007G052	YOKOYAMA Hideshi Shizuoka Univ.	Structural study for the membrane-bound protease from the hyperthermophilic archaeon
2007G053	HARA Kazuhiro Kyushu Univ.	Micro-phase Separation Structure of Dehydrated Interpenetrating-Network-Gel with Opposite Solvent-Affinity Side-Chain-Groups
2007G054	EGUCHI Toyoaki The Univ. of Tokyo	Improving spatial resolution of elemental analysis in synchrotron radiation STM
2007G055	KOBAYASHI Hisao Univ. of Hyogo	Electronic states of Fe compounds under extreme conditions studied by ^{57}Fe nuclear resonant forward scattering method
2007G056	YAMAZAKI Masakazu KEK-PF	Photoionization dynamics of rare gas clusters
2007G057	SHIMADA Toshihiro The Univ. of Tokyo	Analysis of interfaces between organic semiconductors and magnetic materials by XAS and XMCD
2007G058	IWASE Akihiro Osaka Prefecture Univ.	Study on irradiation effects in nuclear reactor materials and fuels by using X-ray absorption spectroscopy
2007G059	TSUMOTO Kouhei The Univ. of Tokyo	Structural analysis of Fe uptake relating protein Isd from <i>Staphylococcus aureus</i>
2007G060	SONG Hyun Kyu Korea Univ.	Structural studies of the ClpX and ClpP complexes and their interacting molecules
2007G061	IZUMI Yasuo Tokyo Inst. of Tech.	Structure Study of Rhodium-Molybdenum Hybrid Catalysts Sites in Mesoporous Silica
2007G062	SASAKI Satoshi Tokyo Inst. of Tech.	Crystal-Structure Analysis through Resonant X-Ray Magnetic Scattering

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2007G063	YOSHIDA Hisao Nagoya Univ.	XAFS study of dopants in tantalates semiconductor photocatalysts
2007G064	TOMITA Kozo AIST	Molecular basis of template-independent RNA polymerization
2007G065	SATO Hitoshi Hiroshima Univ.	Study on metal-insulator transition of BaVS ₃ by means of polarization-dependent soft x-ray emission spectroscopy
2007G066	SATO Hitoshi Hiroshima Univ.	Ti 2p-1s polarization-dependent emission spectroscopy of Ti ₂ O ₃ single crystal
2007G067	FUJIMOTO Zui Natl. Inst. of Agrobiol. Sci.	Crystallographic study of the Bacteriophage poly- γ -glutamate hydrolase
2007G068	FUJIMOTO Zui Natl. Inst. of Agrobiol. Sci.	Crystallographic study of the Phytochrome-specific phosphatase
2007G069	TAKAOKA Masaki Kyoto Univ.	Behavior of Chlorine in Incineration Residue during Washing Process
2007G070	TOMISHIGE Keiichi Univ. of Tsukuba	EXAFS analysis for structure of active site for glycerol hydrogenolysis
2007G071	ZHANG Changjin AIST	XAFS studies of the local lattice structure in La _{1.85-2x} Sr _{0.15+2x} Cu _{1-x} Mn _x O ₄ system
2007G072	MATSUI Toshiyuki Osaka Prefecture Univ.	Studies on structural and physical properties of epitaxially grown magneto-dielectric oxide thin films
2007G073	MATSUDA Yasuhiro Tohoku Univ.	Time-resolved XMCD study on dynamics of spin-crossover phenomena
2007G074	YAO Min Hokkaido Univ.	Structure analysis of cell-wall anchored protein EbhA from <i>Staphylococcus aureus</i>
2007G075	YAO Min Hokkaido Univ.	Crystallographic study of s ² T synthetase from an extreme thermophile, <i>Thermus thermophilus</i>
2007G076	YAJIMA Shunsuke Tokyo Univ. of Agri.	Structural study of an antibiotic kinase from bacteria
2007G077	YAMASHITA Hiromi Osaka Univ.	XAFS Studies on the nano-sized metal catalyst photo-assisted deposited on the single-site photocatalysts
2007G078	LAWRENCE Michael C. CSIRO, Australia	Structural studies of the ecdysone receptor ligand-binding domain from dipteran and phthirapteran insects
2007G079	UOSAKI Kohei Hokkaido Univ.	XAFS Study of Formation Processes of Metal-molecule-metal (MIM) and Metal-molecule-semiconductor (MIS) Junctions
2007G080	KATAYANAGI Katsuo Hiroshima Univ.	Crystal structure analysis of RegIV protein from cancer gene
2007G081	NAKAI Ikuo Tottori Univ.	Electronic states and structure of magnetic semiconductor (Ti,Co)O ₂ synthesized by milling
2007G082	AKITA Koichi Musashi Inst. of Tech.	Measurement of Residual Stress Distribution in Laser-pulse Irradiated Area
2007G083	SEKINE Chihiro MURORAN Inst. of Tech.	Crystal growth of filled skutterudite compounds including heavy rare-earth element at high temperature and high pressure
2007G084	YANAGISAWA Tatsuo RIKEN	Crystal structure of aminoacyl-tRNA synthetase-like proteins
2007G085	KONDO Toshihiro Ochanomizu Univ.	Dynamics of Interfacial Structure Change during Electrochemical Reaction on Single Crystal Electrodes Using the SXS Technique
2007G086	SODA Kazuo Nagoya Univ.	Partial energy distribution of P and Al p states in Pd-TM-P and Zr-TM-Al (TM=Ni, Cu) metallic glasses
2007G087	SAKURAI Kenji NIMS	Background reduction in reflection-projection-type X-ray fluorescence imaging by vertical polarization
2007G088	NAKAGAWA Atushi Osaka Univ.	X-ray structure analysis of lipoyltransferase from BOVINE(bLT)
2007G089	MOMOSE Atsushi The Univ. of Tokyo	X-ray phase imaging with wide field of view by using X-ray Talbot interferometer
2007G090	TAKESHITA Hiroki Nagaoka Univ. of Tech.	Liquid Crystallization of Block Copolymers From Microphase-Separated Melts
2007G091	OKAMOTO Kazuaki Academia Sinica, Taiwan	Mirco-XANES determination of ferric iron in omphacite and garnet
2007G092	MORI Koichi Ibaraki Prefectural Univ. of Health Sci.	Diffraction enhanced imaging of knee diseases using digital tomosynthesis method
2007G093	IDA Takashi Nagoya Inst. Tech.	Development of high-performance power diffraction measurement system using a high-resolution synchrotron powder diffractometer with multiple-detectors
2007G094	HARADA Masafumi Nara Woman's Univ.	XAFS Analysis of Metal Nanoparticles Synthesized in Mixture of Ionic Liquids and Supercritical Carbon Dioxides
2007G095	ASAKURA Kiyotaka Hokkaido Univ.	XAFS Studies on the structure of TiO ₂ one layer nano particles
2007G096	YAMAGUCHI Kazuya The Univ. of Tokyo	Design of highly functionalized solid catalysts based on metal hydroxides and their characterization
2007G097	SASAKI Toshihiko Kanazawa Univ.	Study on Evaluation of Fatigue strength of Motor Shaft Used for Nuclear Power Generation

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2007G098	KATAOKA Jun Tokyo Inst. of Tech.	Ground Calibration of the Low-background Balloon-Borne Hard X-ray Polarimeter PoGOLite
2007G099	KATAOKA Jun Tokyo Inst. of Tech.	Prototype Testing of the Astronomical Hard X-ray Polarimeter on Board TSUBAME Satellite
2007G100	TAKENAKA Mikihito Kyoto Univ.	Dynamics of Order-Order Transition in Diblock Copolymer Melts forming Fddd Structure
2007G101	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of the Neu1 and PPCA involved in lysosomal disease
2007G102	IWASAWA Yasuhiro The Univ. of Tokyo	Temperature-jumping Time-resolved DXAFS Study on Ethanol Oxidation Mechanism on Supported V Catalysts
2007G103	FUNAMORI Nobumasa The Univ. of Tokyo	High-pressure transformations of MCO_3 carbonates
2007G104	TAKEDA Keiki MURORAN Inst. of Tech.	Phase transition and solid phase reaction of aromatic crystals at high pressures
2007G105	WAKATSUKI Soichi KEK-PF	Crystal structure analysis of the complexes between ubiquitin-binding domains of Y-family polymerases and ubiquitin
2007G106	WAKATSUKI Soichi KEK-PF	Lys63-inked polyubiquitin chain recognition mechanism
2007G107	HONDA Mitsunori JAEA	Molecular reaction controlling of bio-molecule on metal-molecular interface.
2007G108	SUZUKI Shinya The Univ. of Tokyo	XAFS study for electronic state of $\text{Ba}_x\text{Sr}_{1-x}\text{Co}_y\text{Fe}_{1-y}\text{O}_{3-\delta}$
2007G109	MATSUSHITA Masafumi Ehime Univ.	Pressure dependence of bulk modulus and thermal expansion in Invar alloys
2007G110	ASAKURA Daisuke KEK-PF	A High-Energy-Resolution Angle-Resolved Photoemission Study of Diluted Magnetic Semiconductors and Related Materials
2007G111	WAKATSUKI Soichi KEK-PF	crystallographic analysis of galectin-4 C-terminal domain
2007G112	FUJII Tatsuo Okayama Univ.	XAFS investigation of charge/discharge characteristics of bio-mineralized hollow shaped iron oxides with Li ions
2007G113	KISHIMOTO Shunji KEK-PF	Development of internal-conversion electron time-spectroscopy for studying the NEET fine structure
2007G114	SUZUKI Shinya The Univ. of Tokyo	Analysis of local structure for LiM_2O_4 synthesized under low-temperature
2007G115	HASEGAWA Shuichi The Univ. of Tokyo	Multiple photoionization of Be atoms
2007G116	MATSUHATA Hirofumi AIST	Precision measurement of SiC single crystal d-spacing by x-ray diffraction at high temperature
2007G117	WATANABE Nobuhisa Hokkaido Univ.	Structural analysis of two-component system MtrA/MtrB from <i>Corynebacterium glutamicum</i>
2007G118	WATANABE Nobuhisa Hokkaido Univ.	Structural analysis of <i>Neisseria meningitidis</i> β 1,3-N-acetylglucosaminyltransferase
2007G119	MIKI Kunio Kyoto Univ.	Crystal Structure Determination of Hyp proteins for maturation of [NiFe] hydrogenases
2007G120	ADACHI Jun-ichi KEK-PF	Development of spectroscopic techniques with synchrotron radiation for probing atoms and molecules in an intense laser field. II
2007G121	SHIROTANI Ichimin MURORAN Inst. of Tech.	The relationship between T_c of the superconductivity and the bulk modulus for skutterudite compounds
2007G122	HIBI Takao Fukui Prefectural Univ.	X-ray crystallography on novel enzymes for glutathione synthesis
2007G123	YOSHIZAKI Izumi JAXA	Quantitative evaluation of protein crystals grown under microgravity
2007G124	KONNO Michiko Ochanomizu Univ.	Study of binding mechanism for glycine on the basis of crystal structure of glycyl-tRNA synthetase from <i>Pyrovoccus horikoshii</i>
2007G125	HASHIMOTO Hiroshi Yokohama City Univ.	X-ray structural analysis of Nanos
2007G126	YOKOYAMA Hideaki AIST	Grazing Incidence Small Angle X-ray Scattering (GISAXS) analysis of porous polymeric thin films
2007G127	SHISHIDO Tetsuya Kyoto Univ.	Structural analysis of vanadium species on $\text{V}_2\text{O}_5/\text{Al}_2\text{O}_3$ for the selective oxidation of hydrocarbon in the liquid phase
2007G128	NAGURA Masanobu Shinshu Univ.	Structure formation process at thermal plastic state of block copolymer
2007G129	WATANABE Yasushi NFRI	SR solution X-ray scattering studies of food viscous proteins
2007G130	SHISHIDO Tetsuya Kyoto Univ.	Structural analysis of highly active tungsten species derived from tungstophosphoric acid by XAFS
2007G131	BRIDGE Frank UCSC, U.S.A.	Temperature dependence of polarized EXAFS for Hg1201
2007G132	UCHIDA Akira The Toho Univ.	X-ray structural analysis of L-aspartate oxidase from <i>Sulfolobus tokodaii</i>

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2007G133	NISHINO Takeshi Nippon Medical School	Crystal Structure Analysis of the Protein Complex Associated with Milk Fat Globule Membrane
2007G134	KURISU Genji The Univ. of Tokyo	X-ray crystallographic analysis of the dynein motor protein
2007G135	NOJIRI Hideaki The Univ. of Tokyo	Molecular basis of substrate specificity of aromatic-ring hydroxylating dioxygenase through structure determination of mutant enzymes
2007G136	OHISHI Hirofumi Osaka Univ. of Pharmaceutical	The structural chemical study of the effects for B-Z transition of the DNA molecules by the polyamine and the metabolite of polyamine
2007G137	KUROKI Ryota JAEA	Structural analysis of halophilic nucleoside diphosphate kinase from <i>Halomonas sp.593</i>
2007G138	SENDA Toshiya AIST	Analysis of the metal ion selectivity of a meta-cleavage type dioxygenase
2007G139	SENDA Toshiya AIST	Crystal structure analysis of the CIA/ASF-Histone H3H4 complex.
2007G140	KURIHARA Toshikazu KEK-PF	Study of positronium beam production under ultra high vacuum condition
2007G141	NAGATANI Hirohisa Nagasaki Univ.	Coordination structure of metalloporphyrins encapsulated with the PAMAM dendrimer
2007G142	KAWAMURA Takanobu Kanazawa Univ.	In-situ observation of structure of pre-oriented crystalline polymer films under uniaxial elongation
2007G143	TSUMOTO Kouhei The Univ. of Tokyo	Analysis of mechanism how arginine affect protein structure
2007G144	SAKANE Hideto Univ. of Yamanashi	XAFS Analyses of hydration structure of caesium ion in ion-exchange resins
2007G145	SUZUKI Shinya The Univ. of Tokyo	In-situ XAFS study of local structure for titanates with pseudocapacitive lithium storage behavior
2007G146	SHIMADA Toshihiro The Univ. of Tokyo	Analysis of metal chalcogenide clusters by XAFS and XPS
2007G147	QIAO Shan Hiroshima Univ.	The structure of Co nano-clusters on Cu(5x5)/Si(111) substrate
2007G148	ITOH Kiyoshi Nagasaki Univ.	Comparative analysis of the mechanisms for b-hydroxy acids by their specific dehydrogenases
2007G149	OHONO Masashi The Univ. of Tokyo	Spatially-resolved measurements of a superconducting transition edge sensor with an X-ray microbeam
2007G150	TACHIBANA Masaru Yokohama City Univ.	Observation of dislocations in protein crystals by white-beam and monochromatic X-ray topography
2007G151	SASAKI Takehiko The Univ. of Tokyo	Structural analysis for immobilized ionic liquid catalysts by EXAFS
2007G152	TSUNODA Masaru Showa Univ.	Crystal structure analyses of DNA replication proteins complexed with DNA
2007G153	SAKAMOTO Yasumitsu Showa Univ.	Crystal structure analysis of an α -D-glucosaminidase (GLS93) from <i>Trichoderma reesei</i> PC-3-7
2007G154	YASUDA Hiroyuki AIST	XAFS study of platinum complex catalysts immobilized on mesoporous silica
2007G156	ZHANG Xinyi Fudan Univ., China	Study on micro-structure of acupuncture points
2007G157	LAY Thi Thi AIST	Structure analysis of surface and interface in Ultra thin Al ₂ O ₃ film by SR-XPS
2007G158	KURISU Genji The Univ. of Tokyo	X-ray crystallographic analysis of the electron transfer complex between Nitrite reductase and Ferredoxin
2007G159	TANAKA Kiyooki Nagoya Inst. of Tech.	Investigation on role of rare-earth elements in rare-earth garnet ferrite
2007G160	YAMAMOTO Kimihisa Keio Univ.	Structure analysis of well-designed Pt clusters in dendrimers
2007G161	HAMAGUCHI Hiroo The Univ. of Tokyo	Local Structures in a Magnetic Ionic Liquid Studied by Small-angle X-ray Scattering
2007G162	BLANCHARD Juliette CNRS, France	Ti and Mo K edges XAS study of the sulfidation of Mo/TiO ₂ /SBA-15
2007G163	TANOKURA Masaru The Univ. of Tokyo	Crystal structure analysis of the complex of ginkbilobin-2 and phosphorylated carbohydrates
2007G164	TANOKURA Masaru The Univ. of Tokyo	Crystal structure analysis of pcaD and its complex with 3-oxoadipate
2007G165	YAMADA Atsuo Tokyo Inst. of Tech.	Phase Separation Process in Li _x FePO ₄
2007G166	NUREKI Osamu Tokyo Inst. of Tech.	X-ray Crystallography of the Translocon Machinery from <i>Thermus thermophilus</i>
2007G167	NUREKI Osamu Tokyo Inst. of Tech.	X-ray Crystallography of zinc diffusion faciliator, ZitB
2007G168	NAKAGAWA Takashi Tokyo Inst. of Tech.	Distribution Analysis of magnetic ions in ferrite thin film prepared by spin splay method

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2007G169	HITOSUGI Taro The Univ. of Tokyo	Chemical analysis of highly-conductive titanium dioxide
2007G170	NOLLER Barry Univ. of Queensland, Australia	Molecular interaction of cadmium with arsenic and other metals in in-vivo systems and relationship of toxicological interactions with solid phase and solution species
2007G171	NUREKI Osamu Tokyo Inst. of Tech.	Elucidation of structural basis for pre-translational amino-acid conversion towards novel aminoacyl-tRNA synthetic pathway
2007G172	AMANO Hiroshi Meijo Univ.	Local structural analysis of Mg in nitride semiconductors using XAFS measurements
2007G173	WATAOKA Isao Shinshu Univ.	Potassium ion effect in sol-gel transition of polysaccharide with divalent additional salt
2007G174	SUZUKO Nobuo Hokkaido Univ.	Structure determination of Atg19, a novel receptor protein responsible for selective autophagy
2007G176	MIYAHARA Ikuko Osaka City Univ.	X-ray crystallographic analysis of membrane protein, quinoxaline dehydrogenase
2007G178	YAMAGUCHI Yoshihiro Kumamoto Univ.	Structure and function analysis of enzymes about the drug resistance that antibiotic-resistant bacteria produce
2007G179	FUJIOKA Yuko Hokkaido Univ.	Structure determination of AtATG proteins responsible for the formation of autophagosomes in plant
2007G180	HONBOU Kazuya Hokkaido Univ.	Structure determination of Atg1, a protein kinase responsible for the regulation of autophagy
2007G181	ARAKAWA Etsuo Tokyo Gakugei Univ.	Study on magnetostriction of iron group elements at low temperatures with X-ray diffraction
2007G182	SAKURAI Takeaki Univ. of Tsukuba	Evaluation of the crystalline structure of the polymer/C ₆₀ blended organic solar cell
2007G183	NONAKA Takamasa Nagaoka Univ. of Tech.	X-ray crystal structure analysis of galectins-4 and 8 complexed with oligosaccharides
2007G184	UCHIMOTO Yoshiharu Kyoto Univ.	Time-resolved in situ XAFS Study on Oxide Layer Formation Mechanism of Pt Alloy Electrodes for PEFCs
2007G185	KIM Kyeong Kyu Sungkyunkwan Univ., Korea	Crystal structure analyses of RseB from <i>E. coli</i> and its complexes with RseA
2007G187	WADA Shinichi Hiroshima Univ.	Ionic desorption dynamics of self-assembled monolayers induced by inner-shell excitations
2007G188	NAGATA Koji The Univ. of Tokyo	Crystal structure analysis of human S100A13 involved in non-classical mode of protein secretion
2007G189	KAKUTA Yoshimitsu Kyushu Univ.	X ray crystallography of chondroitin polymerase
2007G190	KAKUTA Yoshimitsu Kyushu Univ.	X ray crystallographic study on drug metabolism enzyme SULTs
2007G191	KAKUTA Yoshimitsu Kyushu Univ.	X ray crystallographic study of endoglycoceramidase
2007G192	KAGI Hiroyuki The Univ. of Tokyo	Oxidation state of rare earth elements doped in inorganic materials and biominerals
2007G193	HIRAKI Masahiko KEK-PF	High effective and high-throughput protein X-ray crystallography using robotics and automatic control technology
2007G194	TANAKA Isao Kyoto Univ.	Local structure analysis of rare-earth elements in boron nitride and aluminum nitride by XANES
2007G195	YAMAGATA Yuriko Kumamoto Univ.	Visualization of 8-oxo-dGTP hydrolysis in the MutT crystal
2007G196	HARADA Makoto Tokyo Inst. of Tech.	Dependence of local structures of Au films formed under surfactant films on the surface pressure
2007G197	KANEDA Kiyotomi Osaka Univ.	DXAFS study on Concerted Catalysis of Palladium -Heterometal Complexes
2007G198	SATYAM P.V. Inst. of Physics, Bhubaneswar, India	Surface and Interface structural characterization using high resolution asymmetric x-ray diffraction
2007G199	SOKOLOV Nikolai Ioffe Physico-Technical Institute RUSSIA	Structural studies of initial stages of epitaxial growth and formation of the interface in ferromagnet (Co, Fe) - antiferromagnet (MnF ₂ , NiF ₂) heterostructures
2007G200	UCHIMOTO Yoshiharu Kyoto Univ.	Electronic and Local Structures of Partial Fluorinated 3d Transition Metal Oxides as Lithium Secondary Battery Cathode
2007G201	BESSHO Yoshitaka RIKEN	Crystal structure of the Histidyl tRNA Synthetase - tRNA ^{His} complex.
2007G202	HASEGAWA Syuji The Univ. of Tokyo	X-ray magnetic circular dichroism measurements of magnetic impurities in two dimensional electron gas
2007G203	LAWRENCE C. Michael	Structural studies of ligand-complexed forms of the human insulin-like growth factor receptor and the human insulin receptor
2007G204	TORIKAI Naoya KEK-PF	Thermally and Solvent Induced Structural Change of Block Copolymer Thin Film
2007G205	SUGIYAMA Hiroshi KEK-PF	Development of X-ray dark-field imaging system for large-size Biomedical sample

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2007G206	AGUI Akane JAEA	The Hysteresis of Magnetic Compton Scattering of Rare earth- Transition metal perpendicular magnetic films
2007G207	KURODA Yasushige Okayama Univ.	Time-resolved analysis of a new type of O ₂ -adsorbed species formed in CuMFI and its activation by irradiation with light
2007G208	KOHDA Daisuke Kyushu Univ.	Structural and functional analysis of the oligosaccharyltransferase complex that catalyzes the transfer of an oligosaccharide to Asn-X-Thr/Ser sequons in the nascent polypeptide chains
2007G209	HARA Kenji Hokkaido Univ.	XAFS Structural Analysis of Densely-Assembled Rh Complex Monolayer Catalyst on Gold Surface
2007G210	HARADA Shigeharu Kyoto Inst. of Tech.	X-ray crystal structure analyses of parasite proteins aimed for anti-parasitic drugs
2007G211	WEI Shiqiang USTC	Direct determination of local structure around magnetic impurities in codoped ZnO-based dilute magnetic semiconductors
2007G212	KUROKI Ryota JAEA	Ultra-high resolution crystallography of HIV protease modified by protein engineering
2007G213	TAKAHASHI Rheo Gunma Univ.	Fine Characterization of Food Polysaccharides with On-line FFF-SAXS-MALS Detection
2007G214	KONISHI Takehisa Chiba Univ.	Atomic defects and electronic structure of ZnO, Al-doped ZnO and InGaZnO thin films
2007G215	EMURA Shuichi Osaka Univ.	Analysis of local structure around Cr and electronic state of δ -doped GaCrN
2007G216	HIRATA Kouichi AIST	Total Reflection Fluorescence XAFS of As, In, and Sb Implanted Si
2007G217	FUJITA Koji Kyoto Univ.	Analysis of electronic structures of ilmenite-type titanates
2007G501	LUO Shuqian Capital Medical Univ., China	Phase Contrast Imaging and Medical Application
2007G502	LI Xiaolin CAS, China	Source identification of fine-particulate air pollution by analyzing individual aerosol particles using synchrotron radiation microbeam X-ray fluorescence
2007G503	AWAGA Kunio Nagoya Univ.	Electronic states and structures of Mn ₁₂ molecular cluster batteries
2007G504	ZHANG Yuanxun CAS, China	Biomonitoring study of moss as indicator of air pollution by SRXRF technique
2007G505	NUMATA Tomoyuki AIST	Crystal structure analysis of metabolite sensing riboswitch
2007G506	YOSHIDA Hirohisa Tokyo Metropolitan Univ.	Nano-structure formation analysis of liquid crystalline block copolymers by the simultaneous DSC-XRD method
2007G507	PARK Sam-Yong Yokohama City Univ.	Crystal Structure of penicillin binding proteins from <i>Haemophilus influenzae</i>
2007G508	HARADA Masafumi Nara Woman's Univ.	SAXS Study of Metal Nanoparticles Synthesized in Mixture of Ionic Liquids and Supercritical Carbon Dioxides
2007G509	MITO Masaki Kyushu Inst. of Tech.	Magnetism and structure on magnetic nano-particles under high pressure
2007G510	KAWAGUCHI Seigou Yamagata Univ.	Molecular Conformation of Branched Polymers Consisting of Rodlike Side Chains
2007G511	YAMASHITA Masato Univ. of Hyogo	XAFS Study on Structure of TiBN Thin Film with Ultra High Hardness-2
2007G512	ARAI Masahiko Hokkaido Univ.	Structural Analysis of Ti-containing Smectite-like Catalysts for Olefin Oxidation
2007G513	MATSUSHIMA Norio Sapporo Medical Univ.	Solution Structure and Ligand-interaction of Toll-like receptors by Small-angle X-ray scattering
2007G514	HAPPO Naohisa Hiroshima City Univ.	Local structure analysis of γ -ray detector Cd _{1-x} Zn _x Te using X-ray fluorescence holography
2007G515	UNNO Masaki Tohoku Univ.	Elucidation of the activation mechanism of human constitutive heme oxygenase, HO-2
2007G516	UNNO Masaki Tohoku Univ.	High resolution structural analysis of the verdoheme intermediate of HmuO, a heme oxygenase from <i>Corynebacterium diphtheriae</i>
2007G517	HANDA Hiroshi Tokyo Inst. of Tech.	Analysis of exchange reactions of the materials adsorbed on the surface of ferrites by sulfur K-edge XANES measurement
2007G518	NISHIKAWA Keiko Chiba Univ.	XAFS studies on structure of metal nanoparticles dispersed in ionic liquids
2007G519	IDA Shintaro Kumamoto Univ.	Nanostructure analysis of hydrated rare earth ions intercalated into the interlayer between oxide nanosheets
2007G520	MORITA Takeshi Aichi Univ. of ed	Separation of fluctuations in density and concentration of supercritical hydrocarbon-water mixtures
2007G521	HIRANO Keiichi KEK-PF	Development of resolution-tunable angle-resolved x-ray computed tomography
2007G522	OHNUKI Toshihiko JAEA	Study of Interaction of Actinides with Microorganisms and Biomolecules
2007G523	ONO Shigeaki JAMSTEC	Magnetic transition of iron alloys at high pressures and high temperatures

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2007G524	TAKANO Atsushi Nagoya Univ.	Morphological Observation and Morphological Control of hierarchical microphase-separated structure from AB/CD block copolymer blends with complementary hydrogen bonding interaction
2007G525	DING Jianping CAS, China	Structural studies of human proteins of biological and biomedical importance
2007G527	SEKINE Shun-ichi The Univ. of Tokyo	Structural analyses of selenocysteine-biosynthesis machineries
2007G528	SHIGETA Yukichi Yokohama City Univ.	Formation and local electronic structure of semiconductor nano-scale materials
2007G529	ARORA A.K. IGCAR, India	Poly-amorphism in silicon and V ₂ O ₅ : Exploration of distinct amorphous states at high pressure
2007G530	NISHIYAMA Makoto The Univ. of Tokyo	Structural analysis of the enzymes involved in Lysine biosynthesis of <i>Thermus thermophilus</i> HB27
2007G531	NISHIYAMA Makoto The Univ. of Tokyo	Analysis of regulatory mechanism of aspartate kinase
2007G532	TAKENAKA Sakae Kyushu Univ.	Structural analysis of metal species in supported metal catalysts uniformly covered with silica
2007G533	ITO Takuhiro The Univ. of Tokyo	Crystal structural studies on human telomerase TERT RNA-binding domain
2007G534	ITO Takuhiro The Univ. of Tokyo	Crystal structural studies on <i>Methanococcus jannaschii</i> TRM5 with tRNA
2007G535	ITOH Nobutoshi Tohoku Univ.	Structural study on cytokine BMP-10 involved in growth and differentiation of cardiac muscle cells
2007G536	ITOH Nobutoshi Tokyo Medical & Dental Univ.	Structural study on peptidyl-prolyl isomerase activity of human FKBP12
2007G537	MIYAHARA Tsuneaki Tokyo Metropolitan Univ.	MCD Study on magnetism of rare earth atoms in a cage-like structure
2007G538	IKEGUCHI Masamichi Soka Univ.	Relation between secondary structures and molecular dimension during an early stage of protein folding
2007G539	UNNO Hideaki Nagasaki Univ.	Crystal structure analysis of flavonoid specific glycosyltransferases
2007G540	UNNO Hideaki Nagasaki Univ.	Crystal structure analysis of type 2 IPP isomerase
2007G541	FUJIMOTO Yasushi Osaka Univ.	Research on the affinity between Bi infrared luminescent center and crystal structures
2007G542	YANAGIHARA Mihiro Tohoku Univ.	X-ray MCD study on the giant magnetic anisotropy of high density magnetic recording media
2007G543	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of ceramide transport mechanism by CERT
2007G544	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of the TRIM5 α involved in HIV-1 infection
2007G545	IZUMI Yoshinobu Yamagata Univ.	Interaction of calmodulin with AIDS related proteins
2007G546	SAKURAI Shinichi Kyoto Inst. of Tech.	Elucidation of governing physical factors for ordering of spherical microdomains of block copolymers which are embedded in a highly entangled polymer matrix
2007G547	IMAI Masayuki Ochanomizu Univ.	Ordered meso-structures induced by dynamical coupling between shear field and hidden order parameters
2007G548	KUBOYAMA Keiichi Tokyo Inst. of Tech.	Correlation between transparency and thermal fluctuation of electron density in miscible polymer blends
2007G549	KONISHI Hiroyuki JAEA	XAFS Study on Structure of Protective Rust Layer on Weathering Steel Containing Cu or Al
2007G550	YAGISHITA Akira KEK-PF	Stereo-dynamical study of inner-shell photoemission from free molecules
2007G551	GOTO Masaru The Toho Univ.	X-ray crystallographic study of the proteins involved in the utilization of γ -aminobutyrate in <i>Bacillus subtilis</i>
2007G552	KAMITORI Sigehiro Kagawa Univ.	Structural Study of Rare Sugar Production-Enzymes
2007G553	YAMADA Mitsugu AIST	Structural analysis of novel regulation mechanism through quaternary structure reconstitution of global transcriptional regulator
2007G554	KIKKAWA Shinichi Hokkaido Univ.	Local structures of perovskite-type (A,Eu)Ta(O,N) ₃ (A=Ca,La) oxynitride
2007G555	KIKKAWA Shinichi Hokkaido Univ.	Local structures of defective fluorite- and pyrochlore-type REE tantalum oxynitride
2007G556	KANEKO Fumitoshi Osaka Univ.	Study on the orientation mechanism of obliquely vacuum-deposited organic compounds onto substrates
2007G557	TABUCHI Masao Nagoya Univ.	Formation process of GaInAs/InP interfaces analyzed by X-ray CTR scattering measurement
2007G558	TABUCHI Masao Nagoya Univ.	Local structures around Er and Mn in GaAs/MnAs/ErAs/GaAs structures analyzed by XAFS
2007G559	SASAKI Takayuki Kyoto Univ.	Chemical structure of actinide hydrous oxides in aqueous solution

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2007G560	KOKUBUN Jun Tokyo Univ. of Sci.	Polarization analysis of non-resonant magnetic x-ray scattering in hematite, Fe ₂ O ₃
2007G561	YAMADA Hirotooshi Nagasaki Univ.	Local structure of nano-heterogeneous interface of active materials/solid electrolytes
2007G562	YAMADA Hirotooshi Nagasaki Univ.	In-situ XAFS Analysis on Charge/discharge of Nano-Structured Li-ion Host Materials
2007G563	WAKATSUKI Soichi KEK-PF	Structural Insight into the enzyme Core 1 β 1-3 Galactosyltransferase; Implications for the catalysis of the galactosyl transfer in eukaryotes
2007G564	WAKATSUKI Soichi KEK-PF	Structural Insight into Miranda Protein; Implication for the development of nervous system in Drosophila
2007G565	KIMURA Yasuyuki Kyushu Univ.	Study on structure and its phase transition in chiral twin liquid crystals
2007G566	KATO Tadashi Tokyo Metropolitan Univ.	Time Resolved Analysis of Lamellar/Onion Phase Transition Induced by Shear Flow in Surfactant Systems
2007G567	HIKOSAKA Yasumasa IMS	Spectroscopy of the Rydberg states in rare gas dimers
2007G568	NOMURA Masaharu KEK-PF	Development of sub-nano second time-resolved DXAFS measurement system and dynamic structure analyses of light-excited metal species
2007G569	TSUJI Kazuhiko Keio Univ.	Pressure-induced structural change of liquid IV-VI alloys
2007G570	INOKO Yoji Osaka Univ.	X-ray solution scattering study of ferritin iron up-take and iron core in various buffer solutions
2007G571	TANIMORI Toru Kyoto Univ.	Development of imaging photon-counting detector based on micro pixel gas chamber for time-resolved crystallography
2007G572	SAKURAI Hiroshi Gunma Univ.	Electron momentum density of tunneling electron in magnetic tunneling junction
2007G573	HOSOKAWA Shinya Hiroshima Inst. of Tech.	Coexistence of Vegard's law and Pauling's bond length? -Observation of three-dimensional atomic images
2007G574	ABE Kohji Univ. of Electro-Commun.	Kinematical studies on the domain formation of quartz by means of white and monochromatic x-ray topography
2007G575	URAKAWA Satoru Okayama Univ.	Aluminum coordination and densification of basaltic magma under pressure
2007G576	IZUMI Yasuo Tokyo Inst. of Tech.	XAFS Analyses of Local Structure of Mesoporous TiO _{2-x} X _y Photo-catalysts
2007G577	HARADA Masafumi Nara Woman's Univ.	Investigation of the formation mechanism of Pt/Rh bimetallic particles prepared under high-temperatures and high-pressures by QXAFS measurements
2007G578	HIRAHARA Toru The Univ. of Tokyo	Electronic structure of BiSb alloy films studied by high-resolution photoemission spectroscopy
2007G579	HASHIMOTO Takuya Nihon Univ.	Structural analysis of Li _{2-x} TiO ₃ (x=0.00-0.04) as tritium breeding materials
2007G580	YONETOKU Daisuke Kanazawa Univ.	Performance Test of Polarimeter for Gamma-Ray Bursts
2007G581	YAMAUCHI Miho Kyushu Univ.	Generation of New Metal Hydride in Nano-Meter Size
2007G582	NAKAO Hironori Tohoku Univ.	Resonant X-ray scattering study under high pressure and low temperature
2007G583	KAKIMOTO Kenichi Nagoya Inst. of Tech.	Development of Functional Perovskite Dielectric Solid Solutions by Crystal Structure Analysis
2007G584	KAKIMOTO Kenichi Nagoya Inst. of Tech.	X-ray Structure Analysis of Silicate Single Crystals with High Quality Factor
2007G585	OTOMO Seiu Ibaraki Univ.	Structural studies of light-harvesting and energy conversion proteins from thermophilic photosynthetic bacterium <i>Thermochromatium tepidum</i>
2007G586	KANAI Kaname Nagoya Univ.	Study on electronic structure of ionic liquid by soft-X-ray emission spectroscopy
2007G587	NAKAI Ikuo Tottori Univ.	Local structure and electronic states of amorphous Ce-Ru
2007G588	MAYAMA Hiroyuki Hokkaido Univ.	Small-angle X-ray scattering experiment on fractal body
2007G589	TEZUKA Yasuhisa Hiroaki Univ.	Resonant Soft X-ray Raman Scattering Study of Ferroelectrics BaTiO ₃ and its related materials
2007G590	MARUYAMA Kohichi Akita Natl. College of Tec.	Investigation of magnetic properties for periodic nanostructure of materials by means of x-ray resonant magnetic scattering and x-ray resonant Kerr effect
2007G591	YU Runsheng CAS, China	Study of porous materials with positronium time-of-flight spectroscopy (Ps-TOF)
2007G592	TAKANISHI Yoichi Tokyo Inst. of Tech.	Micro resonant X-ray scattering of the super structure in the polar smectic liquid crystals
2007G593	OHSUMI Kazumasa NASA	Crystallographic Studies on Extraterrestrial materials/3
2007G594	ASAKURA Kiyotaka Hokkaido Univ.	Polarization dependent total reflection fluorescence XAFS studies on the structure of deposited metal and its relation to the surface oxygen defects

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2007G595	KEZUKA Yuichiro IWATE Medical Univ.	Solution structure analysis of a modular chitinase from rice
2007G596	KOJIMA Masaki IWATE Medical Univ.	Elucidation of the folding mechanism of (β / α) ₈ -barrel protein
2007G597	FUJIMORI Atsushi The Univ. of Tokyo	Fermi-surface and band mapping of MBE-grown perovskite-type transition-metal oxides
2007G598	HITOSUGI Taro The Univ. of Tokyo	Electronic structure of highly-conductive titanium dioxide films
2007G599	YUGAMI Hiroo Tohoku Univ.	A study on the electronic structure of proton conducting A ^{III} B ^{III} O ₃ single crystal
2007G600	MUROGA Yoshio Nihon Univ.	Local Conformation of Modified Ionenes in Solution
2007G603	YONEDA Kazunari Kyushu Univ.	Structural analyses of hyperthermophilic <i>de novo</i> NAD biosynthetic enzyme
2007G604	NAKAMURA Tomoki Kyushu Univ.	Synchrotron X-ray diffraction analysis of cometary dust particles recovered by the Stardust mission
2007G605	SINGH Sushil Kumar Tokyo Inst. of Tech.	XAFS study of Mn and Cr doped BiFeO ₃ thin films fabricated by Chemical Solution Deposition
2007G606	SHIRASAWA Tetsuro The Univ. of Tokyo	Xray diffraction study of anepitaxial SiON/SiC(0001) interface structure
2007G607	TAKENAKA Akio Tokyo Inst. of Tech.	Structural study on complementary threonyl-tRNA synthetases of crenarchaea
2007G608	KIHARA Hiroshi Kansai Medical Univ.	Equilibrium and kinetic intermediates of actin misfolding
2007G609	AMEMIYA Yoshiyuki The Univ. of Tokyo	Structural analysis of PCL/PVB spherulite during crystallization by microbeam X-ray diffraction
2007G610	KUSUNOKI Masami Osaka Univ.	Crystallographic and functional study of higher plant glutamine synthetase
2007G611	HOSAKA Harumi Osaka Univ.	X-ray structure analysis of meiosis-specific Mei5-Sae3 complex
2007G612	KAMBE Takashi Okayama Univ.	Study on high-pressure and low-temperature phases of doped fullerene crystals
2007G613	IKEUE Keita Kumamoto Univ.	Elucidation of local structure of rare earth-incorporated mesoporous materials
2007G614	UEHARA Akihiro Kyoto Univ.	Structural Analysis of Uranium Ions in Hydrate Melts by EXAFS measurements
2007G615	SAKURAI Shinichi Kyoto Inst. of Tech.	Elucidation of effects of a strong magnetic field on self-assembled lamellar nanostructure formed by low-molecular weight gelators
2007G617	NONAKA Takamasa IWATE Medical Univ.	X-ray crystal structure analysis of buckwheat allergen protein
2007G618	TAKAHASHI Toshio The Univ. of Tokyo	Structural study of iron silicides on Si substrates
2007G619	MIYANAGA Takafumi Hirosaki Univ.	Local structure around Mg atoms in MgZnO thin films studied by XAFS
2007G620	MIYANAGA Takafumi Hirosaki Univ.	Local structure around In atoms in InGaN thin films studied by XAFS
2007G621	MIYANAGA Takafumi Hirosaki Univ.	Nature of local magnetic structure in order-disorder magnetic alloys studied by XMCD
2007G622	MATSUMOTO Yuji Tokyo Inst. of Tech.	In-situ laser photoemission study on well-defined photocatalyst surfaces of perovskite titanium oxides grown by Laser MBE(II)
2007G624	DOMEN Kazunari The Univ. of Tokyo	XAFS characterization of zinc and titanium spinel oxynitride photocatalysts with visible light activity
2007G625	LEE Jie-Oh KAIST, Korea	Structural Studies of the LBP-CD14-LPS complex
2007G626	IKEMOTO Hiroyuki Toyama Univ.	Atomic correlation of tellurium nanoparticles -In situ, sample preparation and EXAFS measurements-
2007G627	TOKITA Masatoshi Tokyo Inst. of Tech.	Time-resolved X-ray scattering measurements on smectic layer formation from nematic state in lyotropic rigid-rod polymer
2007G629	BABA Yuji JAEA	Real-time observation on nano-structures of organic and biological thin films by photoelectron emission microscopy using soft X-rays from synchrotron light source
2007G631	FUNAMORI Nobumasa The Univ. of Tokyo	In-situ X-ray diffraction of SiO ₂ glass under ultra-high pressure
2007G633	KITAO Shinji Kyoto Univ.	Development of Mossbauer holography with sample-included APD detector
2007G634	SHIMIZU Toshiyuki Yokohama City Univ.	Structural study on novel mediator Sfr1/Swi5 in homologous recombination
2007G635	OZAKI Toru Hiroshima Inst. of Tech.	Study on the electronic structures of conductive strontium titanates exerting on their structural phase transitions
2007G636	SUZUKI Shinya The Univ. of Tokyo	Stabilization of layer structure for birnessite-type manganese oxide by nanosheets process

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2007G637	OGATA Kazuhiro Yokohama City Univ.	Study of molecular mechanism for formation of enhanceosome by transcription factor assembly
2007G638	NAKAI Izumi Tokyo Univ. of Sci.	Study on accumulation mechanisms of heavy metals in hyper-accumulator plants by distribution analyses of heavy elements and light elements
2007G639	OZEKI Tomoji Tokyo Inst. of Tech.	Structure analyses of the micrometer-sized crystals of mixed-metal polyoxometalate nano-clusters using high-flux X-rays
2007G641	YAJIMA Shunsuke Tokyo Univ. of Agri.	Structural studies of the enzymes in the MEP pathway
2007G642	YAJIMA Shunsuke Tokyo Univ. of Agri.	Structural study of a bacterial antioxidant protein
2007G643	TAKEDA Tohoru Univ. of Tsukuba	Development of fluorescent x-ray computed tomography system for live animal imaging
2007G644	ITO Masahisa Gunma Univ.	Observation of spin- and orbital-magnetic moment distribution of a 3d•4d magnetic alloy
2007G645	TIMCHENKO Alexander A. RAS, Russia	Comparative analysis of solution structure of two isoforms of rabbit elongation factor EF1A and their complexes with ligands using synchrotron small-angle X-ray scattering
2007G646	HATANO Tadashi Tohoku Univ.	Development of applicable EUV multilayer imaging mirrors and fundamental soft X-ray multilayers
2007G647	ITO Kohzo The Univ. of Tokyo	Verification of pulley-effect in slide ring materials
2007G648	NARITA Hisashi The Univ. of Tokyo	Atomic arrangement and electronic structure of self-assembled Co, FeSi quantum dots fabricated on Silicon surface
2007G649	YOSHINOBU Jun The Univ. of Tokyo	Charge transfer and doping effects by the deposition of F4-TCNQ on organic monolayer on Si(100)
2007G650	TAMURA Tomohiro AIST	Crystal structure analyses actinomycete cytochrome P450s
2007G651	YOSHIOKA Satoru Kyushu Univ.	XAFS study on heavy metal ion adsorbed in polymer gel
2007G652	SASAKI Takayoshi NIMS	In-plane diffraction study of epitaxial films using nanosheet crystallites as a seed layer
2007G653	KITA Akiko Kyoto Univ.	Crystal structure analysis of the BluF protein, PixD
2007G654	OHKI Izuru Kyushu Univ.	Molecular and functional characterization of the CpG-DNA binding domain of chromatin-associated protein
2007G655	NAGAYA Kiyonobu Kyoto Univ.	Photo-dissociation dynamics of halogenated aromatic molecules
2007G656	TAKAHASHI Hiroshi Gunma Univ.	Systematic Investigations of Heavy Water Effect on Lipid Membrane Structures
2007G657	WAKATSUKI Soichi KEK-PF	Structural study of the recognition of accessory proteins by adaptor proteins involved in membrane traffic
2007G658	MATSUOKA Masaya Osaka Prefecture Univ.	XAFS investigations on the hybrid mesoporous silica incorporating organometallic complexes
2007G659	FUJIMOTO Zui Natl. Inst. of Agrobiol. Sci.	Crystallographic study of the <i>Streptomyces avermitilis</i> exo- α -1,5-L-arabinofuranosidase
2007G660	MATSUBAYASHI Nobuyuki AIST	3D quantitative analysis method for development of nano-thin film standard using x-ray absorption edge and SR-XPS
2007G661	YAMADA Yuh Niigata Univ.	Structural changes of Pr ₂ Ba ₄ Cu ₇ O _{15-δ} Oxide Superconductor under high pressure
2007G662	HARA Takayoshi Chiba Univ.	Study on Fine Structure of Clay-supported Pd Complex Catalysts for Alcohol Oxidation
2007G663	TANIMIZU Masaharu JAMSTEC	Co-seismic chemical behavior of elements in an active faulting system
2007G664	NAKAYAMA Atsuko Niigata Univ.	Study on phases, V and VI, of Bismuth through structural point of view
2007G665	FUJISAWA Tetsuro Gifu Univ.	Subunit architecture of silkworm small heat shock protein and its temperature-dependent changes
2007G666	UMEZAWA Hitoshi AIST	X-Ray topographic study of diamond crystals and epitaxial films
2007G667	SUZUKI Shushi Hokkaido Univ.	Nanoscale chemical mapping by means of X-ray Aided Noncontact Atomic Force Microscopy
2007G668	NOJIRI Hideaki The Univ. of Tokyo	Structural analyses of the transcriptional regulation by MvaT homologues which is involved in the cooperative functional regulation between chromosome and plasmid
2007G669	TAKAHASI Yoshio Hiroshima Univ.	Speciation of calcium and chlorine compounds in aerosol samples by XANES
2007G670	TAKAHASI Yoshio Hiroshima Univ.	A study on the water-rock interaction and identification of secondary iron phases by electron-yield and fluorescence XAFS
2007G671	TAGUCHI Yukihiro Osaka Prefecture Univ.	Doping dependence of Mn 3s-2p soft X-ray emission spectra for perovskite Mn oxides
2007G672	KAGI Hiroyuki The Univ. of Tokyo	Determining oxidation state of mantle materials using micro X-ray beam

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2007G673	KATO Masako Hokkaido Univ.	X-ray diffraction study on luminescent one-dimensional Pt complexes under high pressure and low temperature
2007G674	GODA Shuichiro Nagasaki Univ.	Elucidation of the effect of chaperon proteins on the activation of the hyperthermophilic enzymes.
2007G675	SHIWAKU Hideaki JAEA	Substituent effect of the hybrid type PDA complexes
2007G676	SATA Noriko Tohoku Univ.	XAFS study on formation process and dopant layers of Perovskite-type proton conducting thin films with multi-layer structure
2007G677	MIZUNO Kaoru Shimane Univ.	Topo-tomographic characterization of single crystal of BEDT-TTF compounds
2007G678	OHKUBO Masataka AIST	Development of analyzing station with superconducting detectors in soft x-rays
2007G679	SAKANE Hideto Univ. of Yamanashi	Study on the ion-exchange reaction properties and the local structure revealed by XAFS for rubidium ion of zeolites
2007G681	AZUMA Yoshiro KEK-PF	Time-resolved fluorescence studies of helium and lithium
2007G682	IJIMA Kaoru Univ. of Yamanashi	Analysis of the metal oxide nano-crystals prepared by metal ion implantation method
2007G683	MATSUO Motoyuki The Univ. of Tokyo	XAFS study of the particulate matter contained in snow and ice samples
2007G684	KURODA Yasushige Okayama Univ.	Analysis of states of the metal ions or formed metal in metal-ion-exchanged MFI-type zeolites and Xe adsorption at room temperature
2007G685	HASEGAWA Tetsuya The Univ. of Tokyo	XPS and XAS studies of transition metal doped TiO ₂
2007G686	HARADA Makoto Tokyo Inst. of Tech.	Local structures of solvated ions holding their hydrations in polar solvents
2007G687	ICHIKUNI Nobuyuki Chiba Univ.	Characterization of Cu catalysts by using XAFS technique for DME steam reforming reaction
2007G688	HAYAKAWA Shinjiro Hiroshima Univ.	XAFS analysis of diethyldithiocarbamic acid and its Cu salt
2007G689	TAKEMOTO Chie RIKEN	Structural studies on the maturation process of bacterial 30S ribosomal subunits.
2007G690	ADACHI Jun-ichi KEK-PF	Core-level photoionization dynamics in the EXAFS region for gaseous CO and N ₂ O molecules.
2007G691	NOMURA Akihiro Univ. of Tsukuba	Visualization of peripheral bronchus and early lung tumors by dark-field refraction-contrast images
2007G692	KAWASAKI Shinji Nagoya Inst. of Tech.	Effect of pressure transmitting medium on structural behavior of single-walled carbon nanotubes under high pressure
2007G693	USAMI Noriko KEK-PF	Mechanisms of radiation sensitization with platinum compounds using synchrotron X-ray microbeam
2007G694	KUBOTA Masato KEK-PF	Study of manganese oxide in strongly correlated system by resonant X-ray scattering
2007G696	AMEZAWA Koji Tohoku Univ.	XAFS study on defect equilibrium in perovskite-type oxide thin films
2007G697	UCHIMOTO Yoshiharu Kyoto Univ.	In situ high-temperature XAFS measurement of rare-earth 3d transition metal oxide cathodes of solid oxide fuel cells
2007G699	UEKUSA Hidehiro Tokyo Inst. of Tech.	Crystal Determination of pharmaceutical co-crystal from Powder Data
2007G700	MURAYAMA Haruno Chuo Univ.	In situ XAFS analysis on structure and formation process of Ag-C ₆₀ nano-particles
2007G701	MURAI Kei-ichiro The Univ. of Tokushima	Local Structure Analysis for Transparent Conductive TiO ₂ system by EXAFS
2007G702	FURUSAWA Yoshiya NIRS	Cross-talk Effects between Individual Cells of Radiation Cellular
2007P001	AKITSU Takahiro Keio Univ.	Precise X-ray crystal structure analysis of Cu(II) complexes showing Jahn-Teller distortion
2007P002	YAMADA Hirotohi Nagasaki Univ.	Local structure of ionic conductors (AgBr, AgI, LiI) impregnated in nanopores
2007P003	YAMADA Atsuo Tokyo Inst. of Tech.	Reaction mechanism of Li _{2-x} CoSiO ₄ (0<x<2)
2007P004	TAKAHASHI Haruyuki Ibaraki Univ.	Structure of Super Protonic Conducting Lead Phosphate Glass System
2007P005	MATSUSHIMA Yuta Tokyo Univ. of Agri. & Tech.	In-situ observation of the surface state of tin dioxide gas sensors using XAFS analysis
2007P006	MATSUSHITA Yoshitaka NIMS	Electronic density analysis of LiV ₂ O ₄ under high pressure
2007P008	TAKAHASHI Hideyuki	Structural study of arsenic in the soil
2007P009	TAKAMI Seiichi NIMS	Structural analysis on the highly ordered assembly of cerium oxide nanocrystals

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2007P010	YOSHIDA Shigeo Tokai Univ.	Non-Destructive Analysis of the Ancient Egyptian Glass Relics by X-ray fluorescence analysis
2007P101	MORI Shigetaru NIID	Crystal structure of polyphosphate kinase from <i>Mycobacterium tuberculosis</i>
2007P102	FENG Donglai Fudan Univ., China	Angle resolved photoemission study of 2H structured transition metal dichalcogenides
2007P103	AMEMIYA Yoshiyuki The Univ. of Tokyo	Anomalous small-angle X-ray scattering from keratin fibers using Sulfur K-edge
2007P104	FUKUNAGA Toshiharu Kyoto Univ.	Local structure for $(\text{Li}_2\text{S})_{70}(\text{P}_2\text{S}_5)_{30}$ glass-ceramics
2007P106	OKANO Tatsuo The Univ. of Tokyo	Time-domain analysis of nuclear resonant x-ray scattering and its application to the hydrogen induced diffusion process in sub-surface region

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2007C001	NOMURA Masaharu Nippon Steel Corp.	Dynamical explication of material processing with SR
2007C002	NOMURA Masaharu Toray Research Center, Inc.	Development of chemical characterization of contamination on wafer surface
2007C003	WAKATSUKI Soichi Astellas Pharma Inc.	Development of bio-macromolecular structural and functional analysis technology by synchrotron radiation X-ray source
2007C004	NOMURA Masaharu Fuji Photo Film Co., Ltd.	Structural and chemical state analysis of small quantity additives in inorganic materials
2007C005	WAKATSUKI Soichi JT	X-ray crystal structure analysis of complexes between drug target proteins and small ligands
2007C006	HIRANO Keiichi Hitachi, Ltd.	Research on imaging and materials estimation
2007C007	IIDA Atsuo Fujitsu Laboratories Ltd.	Study on structure analysis of thin film surface and interface
2007C008	NOMURA Masaharu Nippon Oil Corp.	XAFS studies on regenerated hydrodesulfurization catalysts
2007C009	NOMURA Masaharu Nippon Oil Corp.	XAFS studies of catalysts for base oil production of lubricant and energy-conserving type lubricants
2007C010	WAKATSUKI Soich Sankyo Co., Ltd.	Purification, crystallization and X-ray structure analysis of complexes between proteins and small ligands for drug design
2007C011	IIDA Atsuo Canon Inc.	Study on microanalysis using SR X-ray microbeam
2007C012	KOBAYASHI Katsumi Center Res. Inst. Electric Power Industry	Study on bystander effects using SR X-ray microbeam
2007C013	NOMURA Masaharu Mitsubishi Chemical Co.,	XAFS analysis of phosphors for solid state lighting
2007C014	NOMURA Masaharu Mitsui Chemical Analysis & Consulting Service Inc.	XAFS analysis of small quantity metals in thin films and catalysts
2007C015	KOBAYASHI Katsumi JFE Steel Corp.	Technological establishment of nano-level analysis of materials with SR
2007C016	WAKATSUKI Soichi Toray Research Center, Inc.	Development of rapid protein structural analysis using cell free protein expression system and synchrotron X-ray
2007C017	YAGISHITA Akira Nikon Corp.	SR characterization of X-ray multilayer mirrors
2007C018	NOMURA Masaharu Toyota Central R&D Labs. Inc.	Time-resolved XAFS analysis of automobile catalysts
2007C019	KISHIMOTO Shunji Ohyo Koken Kogyo Co., Ltd.	Development of high-counting rate scintillation counters for high energy X-rays
2007C020	WAKATSUKI Soichi Protein Wave Co.	Enhancement of techniques on structure determination of protein/ligand complex
2007C021	KAWATA Hiroshi ERATO, JST	Construction and use of SR beamline for sub-nanosecond time-resolved X-ray diffraction experiments
2007C022	KATO Ryuichi Sumitomo Chemical	Study of the dynamics of synthetic high polymers by small angle X-ray scattering
2007C023	HIRAKI Masahiko SOSHO, Inc.	Development of sample pins for protein X-ray experiments
2007C024	WAKATSUKI Soichi Nikkyo Technos Co., Ltd	Advancement of protein crystallization system
2007Y001	FURUKAWA Hidehiko Sankyo Co., Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y002	OHSHIMA Etsuo Kyowa Hakko Kogyo Co. Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y003	MIYAKE Hiroshi Astellas Pharma Inc.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y004	KOBAYASHI Seiichi Eisai Co. Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y005	HORIUCHI Tadashi Daiichi-Sankyo Co. Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y006	OKABE Naofumi Chugai Pharmaceutical Co., Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y007	YAMAMOTO Iwao Mitsubishi Chemical Co.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y008	HATTORI Makoto Sumitomo Chemical Co., Ltd.	Structural analysis of fine ceramics by X-Ray Absorption Fine Structure
2007Y009	ARAI Kazuo NIMS	Estimation of dislocations in SiC crystals for developing the fundamental technology of power electro
2007Y010	Dennis M. SCHMUTZ Banyu Pharmaceutical Co., Ltd.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design

Proposal Number	Spokesperson	Title
2007Y011	TAKAHASHI Kosei Sharp Corp.	XAFS study of SiAlON Phosphor
2007Y012	TAKYANAGI Teruo PCProt	Pharmaceutical Consortium for Protein Structure Analysis
2007Y013	MIWA Kiyoshi AJINOMOTO Co., Inc.	X-ray crystallographic studies of proteins and protein/ligand complexes for structure-based drug design
2007Y014	KUDOH Yoshihiro Sony Co.	XAFS Analysis on Si
2007Y015	KIMURA Masao Nippon Steel Corp.	XAFS analysis of oxide catalysts
2007Y016	IDA Takashi Nagoya Inst. Tech.	Studies on high-resolution powder x-ray diffractometry
2007Y017	HATTORI Makoto Sumitomo Chemical Co., Ltd.	Structural analysis of fine ceramics by X-Ray Absorption Fine Structure
2007Y018	KUDOH Yoshihiro Sony Co.	XAFS Analysis on Si
2007Y019	TAKAHASHI Kosei Sharp Corp.	XAFS study of SiAlON Phosphor
2007Y020	NAKAYAMA Yuri SONY Corp.	Structure analysis of organometalic complex in solvents by XAFS
2007Y021	OSAKABE Nobuyuki Hitachi, Ltd.	Structural analysis of organic materials using x-ray phase-contrast imaging
2007Y022	KUDOH Yoshihiro Sony Co.	XAFS Analysis on Si
2007Y023	HATTORI Makoto Sumitomo Chemical Co., Ltd.	Structural analysis of fine ceramics by X-Ray Absorption Fine Structure

*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.