

Proposal Number	Spokesperson	Title
2003S1-001	SAWA Hiroshi KEK-PF	New BL construction for research of Strongly Correlated Electron System
2003S2-001	AKIMOTO Koichi Nagoya Univ.	X-ray diffraction studies on structural analysis and controls of semiconductor surfaces and interfaces
2003S2-002	WAKATSUKI Soichi KEK-PF	Target oriented structural genomics of the Protein 3000 Project
2003U001	SAKURAI Yoshiharu JASRI	Spin-Polarization of U-6d electrons in Ferromagnetic UGe <sub>2</sub>
2003G001	ARIMA Takahisa Univ. of Tsukuba	Magnetic Directional Dichroism in Polar Ferrimagnet FeGaO <sub>3</sub>
2003G002	MANIWA Yutaka Tokyo Metropolitan Univ.	Magnetic properties of nano-structural carbon
2003G003	ARAKAWA Etsuo Tokyo Gakuji Univ.	A measurement of anomalous dispersion term of magnetic scattering factor proportional to second order of magnetization in iron
2003G004	KITA Eiji Univ. of Tsukuba	XMCD study on the fcc magnetic super lattices with a strong inter-layer coupling and a magnetic anisotropy
2003G005	TEZUKA Yasuhisa Hirosaki Univ.	Soft X-ray Emission Study on Electronic Structure of Ti-oxide
2003G006	ODAGIRI Takeshi Tokyo Inst. of Tech.	Spectroscopy and dynamics of doubly excited molecules investigated by fluorescence from excited fragments
2003G007	YAGISHITA Akira KEK-PF	Core-level photoionization dynamics of the molecules with inversion symmetry (N <sub>2</sub> , C <sub>2</sub> H <sub>2</sub> )
2003G008	TAGUCHI Yukihiko Osaka Pref. Univ.	Observation of valence change in Mn through charge ordering transition of Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub>
2003G009	KAWAMURA Naomi JASRI	Measurement of Configuration Dependence for Magnetic Circular Dichroism of Fe3p 1s X-ray Emission Spectroscopy in Fe <sub>3</sub> O <sub>4</sub> and NiFe <sub>2</sub> O <sub>4</sub> Single Crystals
2003G010	SUZUKI Yoshishige AIST	Study on the interfacial electronic state in tunnelling magneto-resistive films
2003G011	MATSUDA Iwao Univ. of Tokyo	Fermi surface mapping of the metal-adsorbed Si(111)/3x3-Ag surfaces
2003G012	ADACHI Hiromichi KEK-PF	Measurement of spin from factor of Gd in ferromagnetic materials by non-resonant X-ray magnetic diffraction
2003G013	ADACHI Hiromichi KEK-PF	Quantitative study of spin polarization in ferromagnetic compound SmAl <sub>2</sub> by magnetic Compton scattering with a real-time Pc monitor
2003G014	AMEMIYA Kenta Univ. of Tokyo	Development of an imaging-type depth-resolved XAFS technique and direct observation of surface and interface
2003G015	OKUDA Taichi Univ. of Tokyo	Surface elemental analysis and Surface observation of the magnetic materials by means of SR-STM
2003G016	SULLIVAN James KEK-PF	Photoexcitation and ionisation of atoms in a strong DC electric field
2003G017	HASEGAWA Shuichi Univ. of Tokyo	Multi-electron photoionization spectroscopy of the beryllium atom
2003G018	NAGATA Tetsuo Meisei Univ.	Photoionization of Ca, Sr, and Ba Atoms near Double Ionization Thresholds
2003G019	NAGASONO Mitsuru Kyoto Univ.	X-ray emission spectroscopy of 2-dimention compounds
2003G020	ITO Masahisa Gunma Univ.	Upgrade of the experimental system of the white X-ray magnetic diffraction and LS-separation measurements of ferromagnets of d- and f-electron systems
2003G022	KOJIMA Kenichi Yokohama City Univ.	Observation of dislocations of protein crystals by synchrotron radiation Laue topography
2003G023	ZHENG Xu-Guang Saga Univ.	Investigation of the Super-Lattice Structure in Hole-Doped CuO
2003G024	KUDOH Yasuhiro Tohoku Univ.	Effect of pressure on the crystal structure of phase E, Si <sub>1.2</sub> Mg <sub>2.3</sub> H <sub>2.6</sub> O <sub>6</sub>
2003G025	KAWASAKI Shinji Shinshu Univ.	Observation of the transition of fullerene from 2 dimensional polymer phase to 3 dimensional polymer phase
2003G026	ARIMA Takahisa Univ. of Tsukuba	Change in Structure of YMnO <sub>3</sub> by Ti Substitution
2003G027	MITO Masaki Kyushu Inst. of Tech.	Pressure-induced magnetism and structure of molecule-based magnets
2003G028	KONDO Toshihiro Ochanomizu Univ.	In situ Structural Study at Semiconductor Electrode/Electrolyte Interfaces by SXS Method
2003G029	IDA Takashi Nagoya Inst. of Tech.	Evaluation of Microstructure Characteristics by Synchrotron X-ray Powder Diffraction Peak Profile Analysis

Proposal Number	Spokesperson	Title
2003G030	OHASHI Yuji Tokyo Inst. of Tech.	Structure Analyses of Platinum Complexes at the Excited State and Time-resolved Observation of Their Relaxation Process using the detector, MSGC
2003G031	HATTORI Takanori Keio Univ.	Direct observation of the pressure-induced electronic transition of liquid alkali.
2003G032	AKITA Koichi Musashi Inst. of Tech.	Measurement of Microscopic Residual Stress Distribution in Laser 1-pulse Irradiated Area
2003G033	YAMAMOTO Akiji NIMS	Structure analysis of Al-based quasicrystals using anomalous x-ray scattering
2003G034	MIYAMOTO Masamichi Univ. of Tokyo	Crystallographic study of kaersutites in Martian meteorites: Implication for their formation
2003G035	WATANABE Yasuhiro Univ. of Tokyo	Analysis of local structure in amorphous bulk materials by X-ray anomalous scattering
2003G036	OHBA Takuya Shimane Univ.	Pre-martensitic Behaviour Indicating Depth-Dependence in Au-49.5at%Cd Alloy
2003G037	KONDO Tadashi Tohoku Univ.	Reaction of metal and mantle minerals under high pressure and temperature.
2003G038	SHIROTANI Ichimin Muroran Inst. of Tech.	Investigation for Crystallization of Skutterudite Compounds at High Temperatures and High Pressures (in situ)
2003G039	YASHIIMA Masatomo Tokyo Inst. of Tech.	Phase transition and positional disorder in fluorite-related compounds
2003G040	TAKAHASHI Toshio Univ. of Tokyo	Back reflection under the grazing incidence condition and its application to structural studies of surfaces and interfaces
2003G041	TANAKA Masahiko KEK-PF	Electron Density Analysis of $REM_3B_x$ (RE=Rare Earth, M=Metal, x=0.0~0.1) by Powder X-ray Diffraction
2003G042	MIZUNO Kaoru Shimane Univ.	Topographic observation of super-lattice images in BEDT-TTF compounds
2003G044	TAKAHASHI Hiroyuki Univ. of Tokyo	Test measurement of a fast two-dimensional multi-grid type MSGC
2003G045	ANDO Masami KEK-PF	Development of X-ray Dark Field Optics 'Ow1' for Visualizing Invisible Information Inside Object
2003G046	IYAMA Taku Shinshu Univ.	Molecular filling mechanism of mesopore by small molecules with cluster formation
2003G047	KONNO Kazuya Miyagi Natl. Col. of Tech.	Site occupancy of Ga and Nb in the NdFeB alloys during the HDDR process
2003G048	SAITO Yukinori Univ. of Yamanashi	The structure analysis of metal nano particles implanted in oxides using the fluorescent XAFS method.
2003G049	IMAI Masayuki Ochanomizu Univ.	Evaluation of Free Energy Landscape in the vicinity of the Double Gyroid Phase in Surfactant/Water Systems
2003G050	SUGIYAMA Masaaki Kyushu Univ.	Study on Relaxation Process of Anisotropic Structure in Stretched Gel
2003G051	KONISHI Hiroyuki JAERI	X-ray Absorption Fine Structure Study on Protective Rust of Weathering Steel
2003G052	MIYANAGA Takafumi Hirosaki Univ.	The local structure of tellurium-selenium mixtures in supercooled liquid and glassy states
2003G054	KANAYA Toshiji Kyoto Univ.	Crystallization of isotactic polypropylene from its meso phase by time resolved SAXS
2003G055	KANAYA Toshiji Kyoto Univ.	Crystallization of polyethylene under shear flow
2003G056	KAWAMURA Takanobu Kyoto Inst. of Tech.	Structure analysis of polysaccharide with very narrow molecular weight distribution by means of small angle X-ray scattering
2003G057	SAKURAI Masaki Tohoku Univ.	Local and Nano Structure around M Elements in High Strength Al-M Binary Alloys.
2003G058	UENO Satoru Hiroshima Univ.	Phase behaviour and crystallization behaviour of leuco-dyes/long-chain type developer/additive mixtures
2003G060	MORITA Takeshi Tokyo Univ. of Agri. & Tech.	Study on inhomogeneity of supercritical aqueous solutions by in-situ measurement.
2003G061	OFUCHI Hironori Nagoya Univ.	fluorescence XAFS study of ultrathin ErP film grown on InP
2003G062	YAJIMA Hirofumi Tokyo Univ. of Sci,	SAXS Structural Study on the Self-Assembly Complex of Multifunctional Chitosan-Dendrimer Hybrid with Iodine
2003G063	KINUGASA Shinichi AIST	Molecular characterization of poly(ethylene glycol) using uniform oligomers
2003G064	OSAMURA Kozo Kyoto Univ.	Investigation of phase decomposition process in Mg-Y-Nd alloys by synchrotron small-angle X-ray scattering

Proposal Number	Spokesperson	Title
2003G065	SUGIYAMA Shigeru Univ. of Tokushima	Identification of Catalytic Active Site with XAFS Analyses of Noble Metals Supported on Active Carbon
2003G066	YOKOYAMA Toshihiko IMS	XAFS studies of Cr-substituted Mn <sub>12</sub> Clusters
2003G067	CAZORLA-AMOROS Diego Univ. Alicante, Spain	XAFS study of the active phase in carbon supported catalysts: Pt metal and Ph metal
2003G068	NAGAME Yuichiro JAERI	Complex structure of transactinide homologues in aqueous system
2003G070	BLANCHARD Juliette CRNS, France	XAFS Characterization of Ru metal and Ru Sulfide nanoparticles supported on zeolite and mesoporous materials
2003G071	EINAGA Hisahiro AIST	In-situ EXAFS Measurements of Active Sites on Manganese Oxide Catalysts
2003G072	MIMURA Naoki AIST	Characterization of Cr Species on zeolite supports
2003G073	KIGUCHI Manabu Univ. of Tokyo	Study on electronic structure of organic semiconductor in electric field studied by XAFS
2003G074	IZUMI Yasuo Tokyo Inst. of Tech.	Structure Analysis of Iron Site Controlled on Nanoscale Level in the Development of Adsorbents
2003G075	HANDA Hiroshi Tokyo Inst. of Tech.	XAFS Measurement for Local Structure Analysis of Ferrite Fine Particles Carrying Organic Compounds
2003G076	FONS Paul AIST	Characterization of high-K dielectric HfO <sub>x</sub> Films and Alloys Using X-ray Absorption
2003G077	TANAKA Tsunehiro Kyoto Univ.	Identification of vanadium species of V <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> for the selective oxidation of hydrocarbon in the liquid phase
2003G078	OKUDAIRA Koji Chiba Univ.	Syntheses of new type fluorinated compounds by using site-specific chemical scission by inner shell excitation
2003G079	ICHIKUNI Nobuyuki Chiba Univ.	In-situ XAFS studies on the structure of Mo oxide photo catalyst during photo activation process
2003G080	KAGEYAMA Hiroyuki AIST	XAFS study of local structure around metal atoms in solid electrolytes for solid oxide fuel cell prepared by spark plasma sintering
2003G081	HARADA Makoto Tokyo Inst. of Tech.	Local structure analysis of metal ions on cation-exchange resin
2003G082	HARADA Makoto Tokyo Inst. of Tech.	Study of adsorption of surfactants with metal ions onto aqueous solution surface
2003G083	OKADA Tetsuo Tokyo Inst. of Tech.	Structures of sugar complexes with metal ions in ion-exchange resin and separation selectivity of sugars
2003G084	MATSUURA Haruaki Tokyo Inst. of Tech.	Temperature dependence of PbF <sub>2</sub> ,LiF-PbF <sub>2</sub> short range structure
2003G085	MATSUO Motoyuki Univ. of Tokyo	XAFS study on chemical states of heavy metals and sulfur in estuarine and tideland sediments
2003G086	MATSUO Motoyuki Univ. of Tokyo	Source apportionment of airborne particulate matter by XANES technique
2003G087	SAKURAI Takeaki Univ. of Tsukuba	Observation of interface states at organic/organic interfaces by means of X-ray photoelectron spectroscopy
2003G088	NAKAGAWA Takashi Osaka Univ.	Investigation of phases and local structures in Fe-Au nano-composites
2003G089	KURODA Yasushige Okayama Univ.	Characterization of Visible-light-sensitive Titanium Oxide Materials
2003G090	KURODA Yasushige Okayama Univ.	Establishment of the usefulness of optical XAFS method as valence and site selective analyses of the copper ion in zeolite
2003G091	IWASAWA Yasuhiro Univ. of Tokyo	XAFS study on the structures of molecular imprinting chiral metal complex catalysts at oxide surfaces
2003G092	IWASAWA Yasuhiro Univ. of Tokyo	XAFS study on the structures of zeolite supported Re bimetal catalysts
2003G093	CHUN Wang Jae Hokkaido Univ.	Structure Analysis of the Surface Functional Clusters on Metal oxide Single crystal Surface by in-situ Polarization-dependent Total Reflection Fluorescence XAFS
2003G094	TANAKA Isao Kyoto Univ.	Segregation states of impurity Zn in Al <sub>2</sub> O <sub>3</sub> ceramics and dependence on impurity activity
2003G095	KOHAGURA Junko Tsukuba Univ.	Investigation of x-ray-energy responses of semiconductors after fusion-produced neutron irradiation
2003G096	KANEKO Katsumi Chiba Univ.	Characterization of lanthanide nano-clusters dispersed in nano-carbon space
2003G097	TANAKA Isao Kyoto Univ.	Charge states and local structures of dilute Ga atoms in MgO and MgO-based double oxides

Proposal Number	Spokesperson	Title
2003G098	YANAGIHARA Mihiro Tohoku Univ.	Interfaces in magnetically coupled multilayers studied by standing-wave soft-x-ray emission
2003G099	NISHIYAMA Makoto Univ. of Tokyo	Crystallographic analysis of transcription regulator, Dnr from <i>Alcaligenes Faecalis</i> S-6
2003G100	HATA Yasuo Kyoto Univ.	Crystal Structure Analysis of Pokeweed Lectins
2003G101	TAKENAKA Akio Tokyo Inst. of Tech.	Structural studies on oxoglutarate dehydrogenase complex
2003G102	NISHIYAMA Makoto Univ. of Tokyo	Crystallographic analysis of the relation between coenzyme and substrate recognition of malate dehydrogenase from <i>Thermus flavus</i>
2003G103	NISHIYAMA Makoto Univ. of Tokyo	Mechanisms of substrate recognition in homoisocitrate dehydrogenase from <i>Thermus thermophilus</i> HB27.
2003G104	FUJIMOTO Zui Natl. Inst. of Agrobiol. Sci.	Crystallographic study of <i>Mortierella vinacea</i> $\alpha$ -galactosidase.
2003G105	MOMMA Mitsuru Natl. Inst. of Agrobiol. Sci.	Crystallographic study of <i>Arthrobacter globiformis</i> fructotransferase.
2003G106	KUROKAWA Hirofumi Tohoku Univ.	Crystal structure of heme-related eIF-2alpha kinase
2003G107	SUH Se Won Seoul Natl. Univ., Korea	MAD data collection on RecR
2003G108	EOM Soo Hyun Kwanju Inst. of Sci. & Tech., Korea	X-ray crystallographic study of ATP-dependent protease(CodWX) from <i>B.subtilis</i>
2003G109	XIA Zongxiang Shanghai Inst. of Organic Chem., China	Crystal structure of disulfide bond protein DsbE and its mutants
2003G110	TONOZUKA Takashi Tokyo Univ. of Agri. & Tech.	Structural study of <i>Arthrobacter globiformis</i> dextran-hydrolyzing enzymes
2003G111	UCHIDA Akira Toho Univ.	Study in the discrimination of chlorophyll a,b by water-soluble chlorophyll proteins
2003G112	KATAYANAGI Katsuo Hiroshima Univ.	Crystallographic analysis of exfoliative toxin.
2003G113	KATAYANAGI Katsuo Hiroshima Univ.	Crystallographic analysis of DNA repair enzyme for oxidation damage.
2003G114	KONDO Hidemasa AIST	X-ray crystal structure analysis of xyloglucan-specific glycosidases
2003G115	FUSHINOBU Shinya Univ. of Tokyo	Crystallographic analysis of complex structures of fungal denitrifying enzyme P450nor
2003G116	FUSHINOBU Shinya Univ. of Tokyo	Crystallographic analysis of complex structures of xenobiotics-degrading enzyme CumA1A2
2003G117	FUSHINOBU Shinya Univ. of Tokyo	Crystallographic analysis of transcription regulator, Dnr from <i>Alcaligenes faecalis</i> S-6
2003G118	UNNO Masaki Tohoku Univ.	Structural analysis of reaction intermediate and mutants of Heme oxygenase.
2003G119	NONAKA Takamasa Nagaoka Univ. of Tech.	X-ray structural analysis of family 18 chitinases from bacteria
2003G120	NONAKA Takamasa Nagaoka Univ. of Tech.	X-ray structural analysis of chitinase C from <i>Streptomyces griseus</i>
2003G121	RYU Seong-Eon KRIBB, Korea	Structural studies of novel phosphatases and redox proteins
2003G122	SENDA Toshiya AIST	Crystal structure analysis of SMP30
2003G123	HIROTSU Ken Osaka City Univ.	X-ray crystallographic study of CTP synthetase
2003G124	NOJIRI Hideaki Univ. of Tokyo	Structure and function Carbazole 1,9a-dioxygenase
2003G125	FUJIWARA Taketomo Shizuoka Univ.	Crystallographic analysis of KatG catalase-peroxidase from halophilic archaeon <i>Haloarcula marismortui</i>
2003G126	TANAKA Nobutada Showa Univ.	Crystal Structure analyses of autocrine motility factor complexed with various inhibitors
2003G127	TANOKURA Masaru Univ. of Tokyo	Crystallographic analysis of AzoR (Azo Reductase)
2003G128	TANOKURA Masaru Univ. of Tokyo	Crystallographic analysis of SAICAR synthase from <i>Pyrococcus horikoshii</i>
2003G129	TANOKURA Masaru Univ. of Tokyo	The crystallographic analysis of desulfurization enzyme DszC

Proposal Number	Spokesperson	Title
2003G130	TANOKURA Masaru Univ. of Tokyo	Crystallographic analysis of Gmp synthetase complex from <i>Pyrococcus horikoshii</i>
2003G131	MIKI Kunio Kyoto Univ.	Elucidation of Expression Mechanism of Replication Initiation Function of RepE in mini-F Plasmid of E.coli
2003G132	IBUKA Akiko Univ. of Shizuoka	Crystallographic analysis of pyruvate kinase from <i>Bacillus stearothermophilus</i>
2003G133	YOSHIKAZI Izumi NASDA	Systematic study on the correlation of protein crystal growth condition and the crystal quality
2003G134	KATO Tadashi Tokyo Inst. of Tech.	Effects of Branching of hydrophobic Chains on Structures of Lamellar and Micellar Phases Formed by Sugar Surfactants
2003G135	SANO Yoh Setsunan Univ.	Penetration Mechanism of Tobacco Mosaic Virus Protein to Lipid Membrane
2003G136	KATAKAWA Jun'ichi Setsunan Univ.	Aggregates structural study of novel and potent immunosuppressant FTY720 in solution.
2003G137	HIRAI Mitsuhiro Gunma Univ.	Analysis of functional structure of lipid domain (raft) as a platform of cell signal transduction
2003G138	TAKAHASHI Hiroshi Gunma Univ.	Hydration of the membrane surface of phospholipid/cholesterol systems
2003G139	WATANABE Yasushi Natl. Food Res. Inst.	A solution X-ray scattering study on the molecular assembly of a membrane protein P-type ATPase
2003G140	YUGICHI Yoshiaki AIST	Dynamic observation of cyclization process of polysaccharides
2003G141	KOBAYASHI Takakazu Shibaura Inst. of Tech.	The effect of deuterium oxide on the contraction charaction characteristics of skeletal muscle
2003G142	HATTA Ichiro Fukui Univ. of Tech.	Study on two intercellular lipid lamellar structures in stratum corneum
2003G143	WAKABAYASHI Katsuzo Osaka Univ.	X-ray Solution Scattering Studies on Structural Changes of Myosin VI and IX Which Move a Revers Direction on an Actin Filament
2003G144	HIRAGI Yuzuru Kyoto Univ.	Structural Study on the Maturation and Activity of Glutamate Dehydrogenase from <i>Pyrobaculum islandicum</i> by SAXS
2003G145	KATO Ryuichi KEK-PF	Structural changes of multi-domain proteins in solution
2003G146	SHIGETA Yukichi Yokohama City Univ.	Local electronic structure of semiconductor nano-scale materials as a building block
2003G147	MIKI Hirofumi Tokyo Univ. of Sci.	Correlation of the electron state at step edge on Pt surfaces and the NO chemisorption state.
2003G148	SATO Hitoshi Hiroshima Univ.	Study on electronic structure $Ge_{1-x}Mn_xTe$ by means of soft X-ray emission
2003G149	FUJIMORI Atsushi Univ. of Tokyo	<i>in situ</i> photoemission study of MBE-grown perovskite-type transition-metal oxides
2003G150	ZHANG Xiaowei KEK-PF	Development of a Non-contamination Mossbauer Spectroscopy Method Using $^{83}Kr$ and Precision Measurement of 9.4KeV $^{83}Kr$ nuclear resonant energy
2003G151	STARK Grenn Wellesley College, USA	Photoabsorption cross section measurements of $CO_2$ and $N_2$ in the vacuum ultraviolet
2003G152	LABLANQUIE Pascal LURE, France	Dications and Auger processes investigated with an Auger electron-Threshold electron coincidence experiment
2003G153	ITO Kenji KEK-PF	Study on dissociative photoionization of molecular hydrogen
2003G154	HARUKI Rie KEK-PF	Dynamics of an Atom (Fe, Sn, Tm) in Polymer by Nuclear Resonant Scattering
2003G155	OKUDA Taichi Univ. of Tokyo	MCD and Spin resolved photoemission measurement of nano-wire and nano-dots of magnetic materials on Si surface
2003G156	KAWAI Jun Kyoto Univ.	Absorption and Fluorescence Spectra of Rare Earth compounds in Soft X-ray
2003G157	SHIN Shik Univ. of Tokyo	Resonant soft x-ray emission spectroscopy on diluted magnetic semiconductor $Ga_{1-x}M_xN$ (M=Cr, Mn)
2003G158	KAKIZAKI Akito Univ. of Tokyo	Study of surface electronic structures of Fe(001) by spin- and angle-resolved photoemission
2003G159	HAYAISHI Tatsuji Univ. of Tsukuba	Studies on inner-shell photoionization of simple molecules by zero-electron-parent ion coincidence
2003G160	YOSHII Hiroshi Univ. of Tsukuba	Observation of doubly excited states of rare gases
2003G161	KOBAYASHI Yasuhiro Kyoto Univ.	Nuclear Resonant Small-Angle Scattering of Fe-B Magnetic Materials

Proposal Number	Spokesperson	Title
2003G162	YANO Kazuo Nihon Univ.	Investigation of electronic states of Cu in concentrated Gd <sub>70</sub> Cu <sub>30</sub> through Magnetic Compton Profile (MCP)
2003G163	SAKURAI Hiroshi Gunma Univ.	Magnetic Compton profiles of magnetic thin films
2003G165	TAKANO Katsuyoshi Gunma Univ.	Study of electronic structures at the interface on Fe/Tb multilayers with resonant photoemission
2003G166	NAKATSUJI Kan Univ. of Tokyo	Changes of electronic states during the surface alloying on Ag/Ge(001) surfaces
2003G167	YAMADA Nobuyoshi Univ. of Electro-Commun.	Reconstruction of Fermi surface of CrB <sub>2</sub> compound
2003G168	NOZAWA Shunsuke KEK-PF	X-ray Spectroscopic Study on Photo-Induced Effect of SrTiO <sub>3</sub>
2003G169	ONO Kanta KEK-PF	Study on magnetization reversal process of mesoscopic magnets using time-resolved PEEM
2003G170	HARADA Yoshihisa RIKEN	Soft X-ray absorption spectroscopy of the manganese cluster in Photosystem II at Mn 2p edge
2003G171	SAKURAI Yoshiharu JASRI	Determination of Spin-Moment in Ferromagnetic Uranium Compounds
2003G172	SAKURAI Yoshiharu JASRI	Study of sp-d Hybridization in Al-based Quasicrystals
2003G173	MORIOKA Yumio Univ. of Tsukuba	V.U.V. fluorescence Stark Quantum Beats of rare gases
2003G174	KIM Chang Kyung Hanyang Univ. Korea	XMCD Characterization of thermal and radical Oxidized CoFe/Al-O/CoFe magnetic tunneling junction
2003G175	YAMAGUCHI Masuhiro Yokohama Natl. Univ.	Compton scattering studies of magnesium hydride
2003G176	SETO Makoto Kyoto Univ.	Dependence of nuclear resonant scattering intensity on the electronic states
2003G177	MITSUMI Takaya JAERI	Observation of crystal distortion and magnetization safe of r-f magnetic modulated <sup>57</sup> FeBO <sub>3</sub> single crystal by using strobo-x-ray topography and nuclear Bragg diffraction.
2003G178	TONO Kensuke Univ. of Tokyo	Ultraviolet-photoelectron-spectroscopy study on electronic structures of carbonized tungsten surfaces
2003G179	KATAOKA Jun Tokyo Inst. of Tech.	Basis Studies of Avalanche Photo Diodes as an X-ray/ -ray Detector Used in Space Environment
2003G180	HATANNO Tadashi Tohoku Univ.	Precise thickness control in fabrication of soft X-ray spherical multilayers
2003G181	JIANG Xiaoming BSRF, China	Characterization of Ge/Si quantum dots by grazing incident X-ray diffraction
2003G182	SAITO Masatoshi Niigata Univ.	Determination of Electron Density Distribution in Liquid and Amorphous States of Germanium
2003G183	SASAKI Satoshi Tokyo Inst. of Tech.	Crystal-Structure Determination with a Clarification of Charge and Spin States
2003G184	KUSABA Keiji Tohoku Univ.	Phase equilibrium of S under high-pressure and high-temperature
2003G185	KUSABA Keiji Tohoku Univ.	Phase equilibrium of ZnS under high-pressure and high-temperature
2003G186	OZEKI Tomoji Tokyo Inst. of Tech.	Development of a high-resolution single crystal diffractometer and its application to precise structure analyses of inorganic giant molecules
2003G187	ONO Shigeaki Japan Marine Sci. & Tech. Center	Study of phase transitions of carbonate minerals under high pressures and temperatures
2003G188	OHSATO Hitoshi Nagoya Inst. of Tech.	Study on soluble site of additives with trace amounts in dielectric ceramics
2003G189	SOEJIMA Yuji Kyushu Univ.	Structure phase transition of ferroelectric chiral liquid crystal
2003G190	ISHIBASHI Hiroki Osaka Pref. Univ.	Study on ordering state of three dimensionally frustrated spinel oxide
2003G191	YAMAWAKI Kouji Tokyo Inst. of Tech.	Crystal structure and electron density study for (Hg,Pb)(Ba,Sr)-1234 superconductor
2003G192	ABE Hiroshi Natl. Defense Academy	Phase Transition of Al-Ni-Fe Quasicrystal
2003G193	OHSATO Hitoshi Nagoya Inst. of Tech.	Crystallographical investigation on piezoelectricity of Langasite crystal under high pressure and electric field
2003G194	MORI Yoshihisa Okayama Univ. of Sci.	High Pressure X-ray diffraction of the ZnO.

Proposal Number	Spokesperson	Title
2003G195	AKIMOTO Koichi Nagoya Univ.	Natural Super-lattice in Compound Semiconductor studied by anomalous X-ray diffraction
2003G196	NAKAO Hironori Tohoku Univ.	Studies of valence fluctuation state in the rare earth compounds
2003G197	HIRANO Keiichi KEK-PF	Investigation of the phase shift of forward diffracted x-rays in x-ray multiple diffraction
2003G198	WAKABAYASHI Yusuke KEK-PF	Valence ordering in quasi one dimensional mixed valence complexes
2003G199	SAWA Hiroshi KEK-PF	Direct observation of the molecular orbital for Se-contained Molecular Conductors used RXS
2003G200	TAKEMURA Kenichi NIMS	Structure analysis of the modulated phase of iodine under high-pressure and low temperature
2003G201	NAKAMURA Tomoki Kyushu Univ.	Synchrotron X-ray diffraction analysis of micrometeorites using gandolfi camera
2003G202	OKITSU Kohei Univ. of Tokyo	Experimental verification of a Takagi-Taupin type dynamical diffraction theory extended to $n$ -beam cases
2003G203	OKITSU Kohei Univ. of Tokyo	Characterization of aberration-compensating X-ray phase-retarder system in high energy regions.
2003G204	NAGASE Toshiro Tohoku Univ.	Internal stress measurement of quartz micro- and nano-crystals by X-ray powder diffraction method
2003G205	SUZUKI Hiroyuki NIMS	Study of the pressure effect on metal-insulator and X-ray induced phase transitions in $\text{CuIr}_2\text{S}_4$ and $\text{CuIr}_2\text{Se}_4$
2003G206	FUJINO Kiyoshi Hokkaido Univ.	Cation solubilities and structure variation in silicate perovskites
2003G207	ISHIDA Kohtarō Tokyo Univ. of Sci.	Study on pre-edge peaks of ATS scattering in transition metals
2003G208	KURIBAYASHI Takahiro Tohoku Univ.	Comparison with the effect of pressure on crystal structures of the humite minerals
2003G209	YAMAUCHI Miho Univ. of Tsukuba	The structure of the Pd/Pt core-shell type metal nanoparticles hydrogen pressure.
2003G210	YAMAUCHI Miho Univ. of Tsukuba	The structure of the Pt-group metal nanoparticles under hydrogen pressure.
2003G211	NEGISHI Riichiro Saitama Inst. of Tech.	Analytical research of the lattice distortion by X-ray diffraction topography with resonant scattering
2003G212	SASAKI Satoshi Tokyo Inst. of Tech.	Resonant X-Ray Critical Scattering in the Charge-Order Transition of Spinel Compounds
2003G213	TAKAHASHI Toshio Univ. of Tokyo	Structure and Magnetism of Thin Film Crystals on Crystal Substrates
2003G214	ARIMA Takahisa Univ. of Tsukuba	High-pressure effect on incommensurate superstructure in $\text{RMnO}_3$
2003G215	OHSUMI Kazumasa KEK-PF	Crystallographic studies on extraterrestrial materials
2003G216	MATSUMURA Takeshi Tohoku Univ.	Confirmation of the ferromagnetic order in dilute magnetic semiconductor $\text{Co}_x\text{Ti}_{1-x}\text{O}_2$
2003G217	OKUDA Hiroshi Kyoto Univ.	Interfacial Structure of Capped Semiconductor Nanodots
2003G218	TABUCHI Masao Nagoya Univ.	Investigation of quantum-structure based on III-V compound-semiconductor heterostructure by X-ray CTR scattering measurement
2003G219	AMEMIYA Yoshiyuki Univ. of Tokyo	Dynamical study of layer structure and molecular orientations of ferroelectric liquid crystal in smectic phase
2003G220	YASHIMA Masatomo Tokyo Inst. of Tech.	Crystal structure of calcium phosphate at high temperatures
2003G221	NUMAKO Chiya Univ. of Tokushima	X-ray diffraction study for intermediate phases in a dehydration process of aluminum hydroxide
2003G222	ZHANG Xiaowei KEK-PF	Laue diffraction type lattice comparator with using SR and monolithic double-channel cut monochromators
2003G223	HIRANO Keiichi KEK-PF	Investigation of the resolution-tunable angle-resolved x-ray imaging
2003G224	KOYAMA Ichiro Univ. of Tokyo	Phase tomography with diffraction enhanced imaging
2003G226	YANO Shoichiro Nihon Univ.	Analysis of Structures of Polymer Blends Prepared Using Super-critical Carbon Dioxide
2003G227	TOKITA Masatoshi Tokyo Inst. of Tech.	Time-resolved X-ray scattering measurements on liquid crystallization and crystallization of main-chain smectic liquid crystalline polymer

Proposal Number	Spokesperson	Title
2003G228	SAKURAI Shinichi Kyoto Inst. of Tech.	Synchrotron Small-Angle X-ray Scattering Studies of Pressure Effects on Order-Disorder Transitions in Sphere-Forming Block Copolymers using a Pressure Jump Cell
2003G229	SAKURAI Shinichi Kyoto Inst. of Tech.	Anomalous Morphological Behaviors in Asymmetric Triblock Copolymers and detection of Dangling Shorter End-Blocks by the Synchrotron Small-Angle X-ray Scattering Technique
2003G230	USUKI Takeshi Yamagata Univ.	Coordination environment and network structure in the ionic conducting chalcogenide glasses
2003G231	TANABE Akio Kyoto Univ.	Characterization for the yellow sand particles and their standard sample with X-ray absorption spectroscopy
2003G232	HARADA Masafumi Nara Woman's Univ.	Structural Change of Emulsions in Forming of Metal Colloids in Water-in-scCO <sub>2</sub> Microemulsions.
2003G233	MIYANAGA Takafumi Hirosaki Univ.	Behavior of EXAFS Debye-Waller factor for Ti-O in PbTiO <sub>3</sub>
2003G234	MIYANAGA Takafumi Hirosaki Univ.	Determination of Short Range Order for Ni-Mn alloys by XAFS
2003G235	KATO Tadashi Tokyo Inst. of Tech.	Structures of Lamellar Phase Formed by Nonionic Surfactant/Water System and Effects of Shear Flow
2003G236	TAKANO Atsushi Nagoya Univ.	Effect of molecular weight distribution on condensed structure of block copolymers
2003G237	TAKAGI Katsuhiko Nagoya Univ.	Structural Study of Self-Assembling Diacetylene Carboxylates in Hydrotalcite Clay Composites
2003G238	OFUCHI Hironori Nagoya Univ.	XAFS study of thin InN film grown by RF-MBE
2003G239	AMEMIYA Yoshiyuki Univ. of Tokyo	Analysis of Aggregated Structures of Fillers in Polymers under Dynamic Strain using Time-resolved SAXS
2003G240	OKUDA Hiroshi Kyoto Univ.	Microstructural Stability of Zr bulk glass under strong external perturbation examined by in-situ SWAXS
2003G241	KAWAGUCHI Akio Kyoto Univ.	Coordination and re-orientation in polyamide-iodine complex
2003G242	YOSHIASA Akira Osaka Univ.	Occurrence and Local structure of Kr in solar primordial materials
2003G244	MURATA Kazuhisa AIST	Characterization of Ti and the second metal species on zeolite supports
2003G245	YAJIMA Hirofumi Tokyo Univ. of Sci,	Structural Analysis of Xyloglucan Polysaccharide Gel Induced by Iodine Color Reaction
2003G246	ASAKURA Kiyotaka Hokkaido Univ.	EXPEEM Studies on Oxide Surfaces and Remote Control Mechanism
2003G247	ASAKURA Kiyotaka Hokkaido Univ.	In-situ XAFS investigations of Nickel phosphide hydrodesulfurization catalysts under real catalytic conditions
2003G248	YOSHIDA Hisao Nagoya Univ.	XAFS study of silica-based catalysts for photo-induced non-oxidative methane coupling
2003G249	YOSHIDA Hisao Nagoya Univ.	Evaluation of Ag species in Ag catalysts for HC-SCR with Ag L-edge XANES
2003G250	YOSHIDA Hisao Nagoya Univ.	XAFS study on local structure of microencapsulated metal complex catalysts
2003G251	YAMASHITA Hiromi Osaka Pref. Univ.	XAFS studies on the local structure of visible light responsive bimetal ions (Cr-Ti) photocatalyst anchored within zeolite by the photo-assisted deposition method
2003G252	OZAKI Takuo JAERI	Coordination structure of rare earth elements on microorganisms
2003G253	SHIMOYAMA Iwao JAERI	Study of electronic structure of boron nitride ultra thin film on Si substrates
2003G254	IWASE Akihiro Osaka Pref. Univ.	Study on the structure of metal-silicon compounds produced by high-energy ion beam mixing process
2003G255	KUNIMORI Kimio Univ. of Tsukuba	Structural analysis of the active sites of Fe-zeolite catalysts for selective catalytic removal of nitrous oxide
2003G256	OKAMOTO Yasuaki Shimane Univ.	Local structure analysis for nitride clusters capsulated in zeolite by means of XAFS
2003G257	KUBOTA Takeshi Shimane Univ.	Observation of structure changes of active sites for hydrodesulfurization catalysts with probe molecule adsorption by means of XAFS
2003G258	KIGUCHI Manabu Univ. of Tokyo	Absorption structure of the alkanethiol self assembled monolayer on Au surface
2003G259	KIGUCHI Manabu Univ. of Tokyo	Metal induced gap states at the organic/metal interface
2003G260	UCHIMOTO Yoshiharu Tokyo Inst. of Tech.	XANES Study of 3d-transition Metal Doped Manganese Spinel Oxides



Proposal Number	Spokesperson	Title
2003G261	UCHIMOTO Yoshiharu Tokyo Inst. of Tech.	XAFS Study of Oxide Anode of Lithium-Ion Secondary Battery
2003G262	UCHIMOTO Yoshiharu Tokyo Inst. of Tech.	Local structure of perovskite with electrochemical reaction using in-situ EXAFS measurement
2003G263	WAKIHARA Masataka Tokyo Inst. of Tech.	Changes in electronic structure of transition metal sulfides with lamellar type structure during the metal insertion reaction
2003G264	ICHIKAWA Masaru Hokkaido Univ.	XAFS characterization of zeolite Ir catalysts for hydrogenolysis of cyclohexane
2003G265	SAKO Erika Univ. of Tokyo	Interfacial structure of alkanethiolate monolayers self-assembled on Ag substrates
2003G266	MATSUBAYASHI Nobuyuki AIST	Development and evaluation of uncertainty of precise quantitative analysis by XAS for a primary
2003G267	MATSUBAYASHI Nobuyuki AIST	XAFS and XPS study on Ce-Zr-X(X=Y,La,Ca,Ti)oxide nanoparticle catalysts
2003G268	KOBAYASHI Eiichi AIST	Study of the thermal oxidation process of aluminum and silicon on interface by SR-XPS
2003G269	NAKAI Izumi Tokyo Univ. of Sci.	Study of recording mechanism by in situ XAFS analysis of thin phase-change film
2003G270	NAKAI Izumi Tokyo Univ. of Sci.	Development of In-situ XAFS analysis of nanosheet crystallites
2003G271	NAKAI Izumi Tokyo Univ. of Sci.	Structural characterization of nanosheet crystallites by in plane X-ray diffractometer
2003G272	NAKAI Izumi Tokyo Univ. of Sci.	Study on dynamics of environmental pollutant recorded in bark pocket and outer bark by XAFS and XRF imaging techniques
2003G273	AKIMOTO Katsuhiko Univ. of Tsukuba	Atomic arrangement around rare earth element doped into quantum structure
2003G274	SHIMIZU Kenichi Niigata Univ.	XAFS analysis of Ag-zeolites as novel desulfurization agent working room temperature.
2003G275	YAMAMOTO Katsuhiko Nagoya Inst. of Tech.	Relation of Structural Change to Local Molecular Dynamics of Semi-Crystalline Block
2003G276	DAIMON Hiroshi Nara Inst. of Sci. & Tech.	Adsorption and Surface Reaction of Amino Acids Monolayer on the Gold Surface.
2003G277	MIYASHITA Yoshitaro Univ. of Tsukuba	Stereochemical Study on S-Bridged Polynuclear Complexes Using XAFS Spectra
2003G278	HANDA Hiroshi Tokyo Inst. of Tech.	XAFS Measurement for Local Structure Analysis of Ferrite Fine Particles immobilized peptide and protein with thiol group
2003G279	IMANISHI Akihito Osaka Univ.	Study of adsorption properties of dye molecules on TiO <sub>2</sub> crystalline surface
2003G280	ARACHI Yoshinori Kansai Univ.	Electronic structure change in LiNi <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>2</sub> cathode materials for Lithium-ion secondary batteries
2003G281	YOSHIDA Hirohisa Tokyo Metropolitan Univ.	Phase Transition Analysis of Amphiphilic Monomer and It's Structure Controlled Polymer by Simultaneous DSC-XRD
2003G282	KOBAYASHI Hironori AIST	Analysis on the local structural change of advanced manganese based electrode for lithium secondary battery in lithium de-intercalation/intercalation process
2003G285	SUZUKI Shinichi JAERI	Fine Structural analysis of Tc co-extracted complexes by Fluorescence EXAFS measurements
2003G286	JALILEHVAND Farideh Univ. of Calgary, Canada	Metal Complexes of Cysteine and Penicillamine using X-ray Absorption Spectroscopy
2003G287	IMAMURA Seiichiro Kyoto Inst. of Tech.	XAFS analysis of MoO <sub>3</sub> /MgO as a catalyst for the epoxidation of olefins refractory against epoxidation
2003G289	OKUMURA Kazu Tottori Univ.	XAFS studies on the Supported Palladium Catalysts for Heck Reaction
2003G290	KAWAGUCHI Seigou Yamagata Univ.	Molecular Conformation of Novel Comb-Shaped Polymers and Amphiphilic in Water
2003G291	YAMAGUCHI Yoshitaka Natl. Maritime Res. Inst.	Cu and Zn complex structures in sediment released from anti-fouling compounds
2003G292	WATANABE Iwao Osaka Woman's Univ.	Study of ionic micellar and premicellar solutions using counter ion as a probe
2003G293	ITO Kohzo Univ. of Tokyo	Structural Analysis of Topological Gel under Elongation
2003G294	NOMURA Masaharu KEK-PF	Development of time-resolved XAFS experiment using S.B. operation of PF-AR and some applications
2003G295	BABA Yuji JAERI	Core-level spectroscopy of low-dimensional silicon compounds

Proposal Number	Spokesperson	Title
2003G296	ENTA Yoshiharu Hirosaki Univ.	A Study on Reaction Control of Oxynitridation of Silicon Surface
2003G297	YAMADA Muneyoshi Tohoku Univ.	Investigations with XAFS spectroscopy on the interaction between some aromatic compounds and sulfide catalyst for the development of sulfur-tolerant aromatic hydrogenation catalysts
2003G298	FONS Paul AIST	Conduction band crystal field splitting in high-K dielectric HfO <sub>x</sub> Films and Alloys Using X-ray Absorption
2003G299	FONS Paul AIST	XAFS studies of alternative buffer layer in CuIn(Ga)Se <sub>2</sub> -based solar cells
2003G301	SUZUKI Shushi Hokkaido Univ.	Development of total reflection X-ray atomic force microscopy (TRX-AFM) by means
2003G302	OHNUKI Toshihiko JAERI	Study of Biotransformation of Actinides by Bacteria
2003G303	OHKUBO Masataka AIST	Soft x-ray absorption spectroscopy with superconducting energy-dispersive spectroscopic detectors for oxide semiconductors
2003G304	OVERGAARD Jacob Univ. of Sydney, Australia	Charge Density Studies of Drug Molecules and their Metal complexes
2003G305	KAMITORI Shigehiro Tokyo Univ. of Agri. & Tech.	Structural Study of Thermoactinomyces vulgaris R-47 $\alpha$ -Amylases and enzymes of the novel oligosaccharides metabolic pathway
2003G306	SENDA Toshiya AIST	Crystal structure analysis of nucleosome assembly factor TAF1
2003G307	TANAKA Nobutada Showa Univ.	Crystal structure analyses of a hydrolase from malaria parasite Plasmodium falciparum.
2003G308	YAJIMA Shunsuke Tokyo Univ. of Agriculture	Crystal structure analysis of enzymes in the nonmevalonate pathway
2003G309	YAJIMA Shunsuke Tokyo Univ. of Agriculture	Analysis of substrate recognition and catalytic mechanism by tRNA specific ribonucleases
2003G310	SATO Atsuko Kyoto Univ.	Study on the Structure and Function of Amine Dehydrogenases
2003G311	HSIAO Chwan-Deng Academia Sinica, Taiwan	MAD phase determination and high resolution data collection of the primosome protein-PriB
2003G312	DING Jianping Chinese Academy of Sciences, China	Structural studies of human proteins that are of biological importance
2003G313	KUSUNOKI Masami Osaka Univ.	X-ray crystal analysis of glutamine synthetase of a higher plant
2003G314	JINBO Yuji Yamagata Univ.	Conformational change of a polysaccharide chain in solution induced by a helix-coil transition
2003G315	TAKEDA Tohru Univ. of Tsukuba	Development of FXCT for live animal
2003G316	HAMANAKA Toshiaki Osaka Univ.	Time-resolved X-ray diffraction studies on light induced structural changes of squid visual cell
2003G317	KOJIMA Masaki Tokyo Univ. of Pharm. & Life Sci.	Conformational analysis of the unfolding intermediate of aspergillopepsin II
2003G318	TANAKA Hidehiro Teikyo Heisei Junior College	Effect of applied length changes on cross-bridge movement in tetanized muscle.
2003G319	MORI Koichi Ibaraki Pref. Univ. of Health Sci.	Development of human joint imaging by means of X-ray refraction contrast
2003G320	SHIKANO Naoto Ibaraki Pref. Univ. of Health Sci.	Development of functional imaging agents for synchrotron radiation radiography
2003G321	TIMCHENKO Alexander A. Kansai Medical Univ.	Comparative analysis of solution structure of evolutionally far distant eukaryotic elongation factor EF1-A from rabbit liver and Dictyostelium discoideum
2003G322	TIMCHENKO Alexander A. Kansai Medical Univ.	Solution structure and oligomeric state of human p50 NF-kB-GST and its complexes with DNA duplexes studied by synchrotron small-angle X-ray scattering.
2003G323	WAKABAYASHI Katsuzo Osaka Univ.	High-Resolution X-ray Diffraction from Myofilaments during Shortening of Skeletal Muscles
2003G324	SODA Kunitsugu Nagaoka Univ. of Tech.	Dependence of Nonspecific Aggregation of Proteins on Surface Properties and Solvent Conditions
2003G325	SHINOMIYA Hiroto Ehime Univ.	Structure of grancalcin and its complex with p65 in solution
2003G326	ITO Atsushi Tokai Univ.	Three dimensional elemental mapping of biological specimens using soft X-ray projection microscopy
2003G327	IMAMOTO Yasushi Nara Inst. of Sci. & Tech.	Mechanism for the global conformational change of photoactive yellow protein

Proposal Number	Spokesperson	Title
2003G328	NONAKA Takamasa Nagaoka Univ. of Tech.	Solution structure analysis of bacterial multi-domain chitinases
2003G329	IZUMI Yoshinobu Yamagata Univ.	Experimental verification of intermediate in calmodulin molecular recognition by SAXS
2003G330	USAMI Noriko KEK-PF	Direct and indirect effect on DNA damage production by phosphorus photoabsorption
2003G331	NAMITO Yoshihito KEK	Measurement of photon energy spectra for improvement of electromagnetic shower simulation system EGS
2003P001	INOUE Kazuko Ryukoku Univ.	Determination of indices of a cleavage plane and a twinning plane of Ni <sub>2</sub> MnGa-type single crystal, which shows a shape memory effect.
2003P002	SAKAMOTO Hirokazu Tokyo Metropolitan Univ.	Structure analysis of (BEDO-TTF)(CL <sub>2</sub> TCNQ) and (DME-DCNQI) <sub>2</sub> Li under pressure
2003P003	UEKUSA Hidehiro Tokyo Inst. of Tech.	Structure analysis of F substituted organic molecule from powder X-ray diffraction data by direct space method
2003P006	OFUCHI Hironori Nagoya Univ.	XAFS study of thin InN(Ga,In)(N,As)film
2003P007	MIZUNO Kaoru Shimane Univ.	Investigation of titan-hydride by means of X-ray refraction method
2003P008	KANIE Kiyoshi Tohoku Univ.	Analysis of Nanolevel Self-Organizing Structure of Organic-Inorganic Hybrid Liquid Crystals
2003P009	MAKINO Hisao Tohoku Univ.	Research for structural and physical properties of transition metal substituted BaN compounds
2003P010	YAMASAKI Katsuhito JASRI	Refraction contrast imaging in case of sample overlapping
2003S1-001	SAWA Hiroshi KEK-PF	New BL construction for research of Strongly Correlated Electron System
2003S2-001	AKIMOTO Koichi Nagoya Univ.	X-ray diffraction studies on structural analysis and controls of semiconductor surfaces and interfaces
2003S2-002	WAKATSUKI Soichi KEK-PF	Target oriented structural genomics of the Protein 3000 Project
2003U001	SAKURAI Yoshiharu JASRI	Spin-Polarization of U-6d electrons in Ferromagnetic UGe <sub>2</sub>

Proposal Number	Spokesperson	Title
2003C001	MATSUSHITA Tadashi Nippon Steel Corp.	Dynamical explication of material processing with SR
2003C002	IIDA Atsuo Fujitsu Laboratories Ltd.	Study on structure analysis of thin film surface and interface
2003C003	IIDA Atsuo Canon Inc.	Study on microanalysis using SR X-ray microbeam
2003C004	NOMURA Masaharu Sumitomo Chemical Co., Ltd.	Precise structural and chemical analysis of various catalysts using XAFS
2003C005	NOMURA Masaharu Mitsui Chemical Analysis & Consulting Service Inc.	XAFS analysis of small quantity metals in thin films and catalysts
2003C006	NOMURA Masaharu Toray Research Center, Inc.	Development of chemical characterization of contamination on wafer surface
2003C007	NOMURA Masaharu Nippon Oil Corp.	Study on energy-conserving type lubricants by fluorescent XAFS
2003C008	NOMURA Masaharu CAC's	XAFS analysis of surface film on electrode for lithium ion batteries
2003C009	YAGISHITA Akira NTT Corp.	Study on electronic structure of nanotechnology materials by high-resolution photoelectron spectroscopy
2003C010	NOMURA Masaharu Fuji Photo Film Co., Ltd.	Structural and chemical state analysis of small quantity additives in inorganic materials
2003C011	NOMURA Masaharu Nippon Oil Corp.	Study on environment-friendly engine-oil for automobile by XAFS analysis
2003C012	KISHIMOTO Shunji Ohyo Koken Kogyo Co., Ltd.	Development of high-counting rate scintillation counters for high energy X-rays
2003C013	HIRANO Keiichi Hitachi, Ltd.	Study on X-ray imaging
2003C014	IGARASHI Noriyuki NASDA	Studies on effects of microgravity on protein crystal growth - part 3 -
2003C015	YAGISHITA Akira Nikon Corp.	SR characterization of X-ray multilayer mirrors
2003C016	KOBAYASHI Katsumi JFE Steel Corp.	Technological establishment of nano-level analysis of materials with SR
2003C017	IIDA Atsuo Sumitomo Chemical Co., Ltd.	X-ray small angle scattering study on dynamical structure change of synthesized polymers
2003C018	MATSUSHITA Tadashi FAIS	Structural biology using SR X-rays
2003C019	KAWATA Hiroshi ERATO, JST	Construction and use of SR beamline for sub-nanosecond time-resolved X-ray diffraction experiments
2002Y001	HASEBE Nobuyuki Hitachi, Ltd.	8A: soft X-ray spectroscopy and microprobe 8B: EXAFS experiments, total reflection measurements 8C: interference experiments, reflectivity measurements, XD
2002Y002	SUZUKI Yasuyuki Idemitsu Kosan Co., Ltd.	Development of highly dispersed Ni-supported hydrodesulfurization catalysts
2002Y003	FUJISAKI Michio Fujitsu Laboratories Ltd.	Material characterization by SR at BL-17A, 17B and 17C

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

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