

Proposal Number	Spokesperson	Title
2005S2-001	TAKEDA Tohoru Univ. of Tsukuba	<i>In vivo</i> observation of live objects by phase-contrast imaging using separate x-ray interferometer -part III-
2005S2-002	OSHIMA Masaharu The Univ. of Tokyo	<i>In situ</i> analysis of semiconductor/magnetic nanostructures by combinatorial high-resolution photoelectron spectroscopy
2005S2-003	ARIMA Takahisa Tohoku Univ.	Synchrotron X-ray Diffraction Study of Structural Phase Transition Induced by Magnetic Field
2005G001	YANAGIHARA Mihiro Tohoku Univ.	Soft-X-ray MCD Studies of the Interfaces in Fe/Si Magnetic Multilayers
2005G002	ARAKAWA Etsuo Tokyo Gakugei Univ.	Study on internal magnetostriction in iron at low temperatures by X-ray diffraction
2005G003	ITO Masahisa Gunma Univ.	Ordered Orbital of YTiO <sub>3</sub> Observed by the Magnetic Compton Experiments
2005G004	SAKURAI Takeaki Univ. of Tsukuba	Structural analysis for orientation controlled co-deposited organic semiconductor films
2005G005	ITO Masahisa Gunma Univ.	Improvement of the X-ray Magnetic Diffraction Experimental System at BL3C3
2005G006	IMAI Motoharu NIMS	In-situ observation of formation of Si clathrates
2005G007	KUDOH Yasuhiro Tohoku.Univ.	Effect of pressure on the crystal structure of Phase G(D), Mg <sub>1.2</sub> Si <sub>1.8</sub> H <sub>2.5</sub> O <sub>6</sub>
2005G008	KONDO Toshihiro Ochanomizu Univ.	Dynamics of Interfacial Structure Change during Different Metal Electrochemical Deposition on Single Crystal Electrodes
2005G009	SASAKI Toshihiko Kanazawa Univ.	Application of Synchrotron Radiation to study Rolling Contact Fatigue of Railway Rail
2005G010	KURIBAYASHI Takahiro Tohoku Univ.	Structural behavior and hydrogen bonding of hydrous silicates and hydroxide under high-pressure conditions
2005G011	SHIROTANI Ichimin MURORAN Inst. of Tech.	Pressure-induced phase transitions of LnBi(Ln=lanthanide)with NaCl-type structure
2005G012	KAWASAKI Shinji Nagoya Inst. of Tech.	Structural analysis of C <sub>60</sub> -peapods at high temperature and at high pressure
2005G013	SEKINE Chihiro MURORAN Inst. of Tech.	In situ observation for crystallization of filled skutterudite compounds at high temperature and high pressure
2005G014	AKITA Koichi Musashi Inst. of Tech.	Evaluation of Fatigue Damage on Thin Film Wiring
2005G015	KOJIMA Kenichi Yokohama City Univ.	Characteristics of dislocations and perfection in organic crystals by synchrotron topography
2005G016	FUNAMORI Nobumasa Univ. of Tokyo	Exploration of post-cotunnite structure in AO <sub>2</sub> dioxides
2005G017	KITAO Shinji Kyoto Univ.	Observation of Site-Specific Atomic Arrangement using Mossbauer Holography
2005G018	IDA Takashi Nagoya Inst. of Tech.	Evaluation of microstructure parameters with a high-resolution synchrotron powder X-ray diffractometer with multiple-detection systems
2005G020	HASHIZUME Daisuke RIKEN	Experimental electron density study on imidazopyrazinone derivative key substance of bioluminescence
2005G021	HASHIZUME Daisuke RIKEN	Spin transition mechanism of porphyrin and porphyrinoid iron (III) complexes
2005G022	MOMOSE Atsushi Univ. of Tokyo	Phase imaging with an X-ray Talbot interferometer
2005G023	KATAOKA Jun Tokyo Inst. of Tech.	Ground-based Calibration of the Balloon-Borne Hard X-ray Polarimeter PoGO
2005G024	OKUDAIRA Koji Chiba Univ.	Controlled Doping of fluorinated organic thin film by site-specific chemical bond scission
2005G025	ASADA Kaku Miyagi Natl. Col. of Tech.	Correlation between Debye-Waller factors and their hydrogen absorption characteristics for LaNi <sub>5</sub> and LaCo <sub>5</sub>
2005G026	KAWASAKI Shinji Nagoya Inst. of Tech.	Interaction between catalyst metal particle and catalyst supporting material for CVD synthesis of single-wall carbon nanotubes
2005G027	KAWAMURA Takanobu Kanazawa Univ.	Structure analysis of necking behavior in crystalline polymers
2005G028	TAKADA Akihiko Kyushu Univ.	Relationship between Structural Transition and Mechanical Properties for Ion Complex Type of Low Molecular Weight Gelator in Organic Media
2005G029	SUGIYAMA Shigeru The Univ. of Tokushima	Effects the abstraction and incorporation of lattice oxygen with magnesium vanadates

Proposal Number	Spokesperson	Title
2005G030	EINAGA Masahiro AIST	Investigation of the active sites on manganese oxide catalysts for VOC decomposition
2005G031	IJIMA Kaoru Univ. of Yamanashi	The structure analysis of metal compound formed at the oxide surface using the fluorescent XAFS method
2005G032	NAKAGAWA Takashi Osaka Univ.	Local structural analyses in binary noble metal nanoparticle catalysts containing Pt by XAFS
2005G033	HARADA Masafumi Nara Woman's Univ.	EXAFS Studies of Bimetallic Pt Particles prepared by thermal decomposition in Supercritical Organic Solvents.
2005G034	HARA Kazuhiro Kyushu Univ.	Nano-structural Investigations of Ionomers Utilizing Inhomogeneous Ion-Adsorption
2005G035	SAKURAI Kenji NIMS	Quick X-ray diffraction imaging for inhomogeneous polycrystalline materials
2005G036	INADA Yasuhiro KEK-PF	Structural Study of Metal Complexes in Bulky Solvent Using XAFS Technique
2005G037	MATSUO Shuji Fukuoka Univ.	XAFS analysis of AU(III) ion adsorbed on cerium oxide
2005G038	CHIBA Ayano Kyoto Univ.	Analysis of Structure Formation of Polymer-stabilized Metal Nanoparticles and Nanocomposites
2005G039	YAMASHITA Hiromi Osaka Univ.	XAFS studies on the local structure of Ti-oxide photocatalyst loaded on SiC and Si <sub>3</sub> N <sub>4</sub>
2005G040	HARADA Makoto Tokyo Inst. of Tech.	Study of adsorption of anions on cationic surfactant film onto aqueous solution surface
2005G041	KUNIMORI Kimio Univ. of Tsukuba	Structural analysis of potassium modified Pt catalysts for preferential oxidation of CO in hydrogen-rich gas by means of XAFS
2005G042	YAO Takafumi Tohoku Univ.	Local structure analysis of compound semiconductors for next generation light-emitting devices
2005G043	WANG Da-Cheng CAS, China	Structural genomics on <i>Shigella flexneri</i> (2a 301) proteins
2005G044	SUH Se Won Seoul Natl. Univ., Korea	MAD data collection on human agmatinase crystals
2005G045	FUJIMOTO Zui Natl. Inst. of Agrobiol.Sci.	Crystallographic studies of the family 18 chitinases from <i>Streptomyces thermoviolaceus</i>
2005G046	XIA Zongxiang Shanghai Inst. of Organic Chem., China	High resolution structures of human cyclophilin J. and E coli CcmG/DsbE and their complexes of mutants
2005G047	TONOZUKA Takashi Tokyo Univ. of Agri. & Tech.	Study on structures of enzymes hydrolyzing glycochains and related proteins
2005G048	SONG Hyun Kyu Korea Univ., Korea	Structural studies on the recognition of degradation signal by proteasome homologs
2005G049	SENDA Toshiya AIST	Crystal structure analysis of the CIA-CCG1 bromodomain complex
2005G050	KAMADA Katsuhiko RIKEN	Structural analysis of eukaryote replication-related proteins
2005G051	HARADA Shigeharu Kyoto Inst. of Tech.	X-ray crystal structure analysis of electron transfer system Complex II
2005G052	NISHIMIYA Yoshiyuki AIST	X-ray crystal structure analysis of ( <i>Shichirohuo</i> ) type II anti-freeze protein (IpAFP)
2005G053	FUSHINOBU Shinya The Univ. of Tokyo	Crystallographic analysis of novel sugar/sulfur metabolic enzymes from a thermoacidophilic archaeon
2005G054	FUSHINOBU Shinya The Univ. of Tokyo	Crystallographic analysis of P450 enzyme
2005G055	FUSHINOBU Shinya The Univ. of Tokyo	Comprehensive structural analysis of biomass degrading enzymes from a white rot fungi
2005G056	KURISU Genji The Univ. of Tokyo	Structure analysis of a electron transfer complex between ferredoxin and sulfite reductase or nitrite reductase
2005G057	NISHIYAMA Makoto The Univ. of Tokyo	Crystallographic analysis of mechanisms of substrate recognition, substrate inhibition and high thermostability of malate dehydrogenase from thermophilic bacterium, <i>Thermus flavus</i> AT-62 compared with mesophilic bacterium, <i>Dei nococcus radiodurans</i> KR1

Proposal Number	Spokesperson	Title
2005G058	NISHIYAMA Makoto The Univ. of Tokyo	Mechanisms of substrate recognition in homoisocitrate dehydrogenase (HICDH) from <i>Thermus thermophilus</i> HB27
2005G059	LEE Jie-Oh KAIST, Korea	Crystal structure analysis of mouse MD-2
2005G060	NOJIRI Hideaki The Univ. of Tokyo	Crystallization and X-ray diffraction analysis of the electron transfer complex in Carbazole 1,9a-dioxygenase
2005G061	KATAYANAGKI Katsuo Hiroshima Univ.	Crystal structure of recombinant exfoliative toxin from <i>S.hyicus</i> on pig
2005G062	ITO Nobutoshi Tokyo Medical & Dental Univ.	X-ray crystallographic analysis of proline-free staphylococcal nuclease and its mutants
2005G064	TADA Toshiji Osaka Prefecture Univ.	Reaction mechanism of ascorbate peroxidase
2005G065	SHIMIZU (IBUKA) Akiko Tokyo Univ. of Agri.	Structural analysis of $\beta$ -lactamases with unique substrate specificity
2005G066	TAKENAKA Akio Tokyo Inst. of Tech.	Structural studies on 2-oxoacid dehydrogenase complexes
2005G067	TANOKURA Masaru The Univ. of Tokyo	Crystal structure analysis of BMP synthetase complex from <i>Pyrococcus horikoshii</i>
2005G068	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of galectin-4 C-terminal domain
2005G069	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of galectin-9
2005G070	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of the glycoprotein cargo receptor, VIP36
2005G071	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of the Neu1 involved in lysosomal disease
2005G072	KUROKAWA Hirofumi Tohoku Univ.	X-ray crystal structure of heme PAS sensor proteins
2005G073	MIYAHARA Ikuko Osaka City Univ.	X-ray crystallographic study of membrane extrinsic protein, quinoxinohemoprotein-alcohol dehydrogenase
2005G074	SAKURABA Haruhiko The Univ. of Tokushima	Structural analysis of thermostable aldolase from hyperthermophiles
2005G075	SUZUKI Mamoru Osaka Univ.	X-ray structure analysis of heme-binding protein (HBP35) from <i>Porphyromonas gingivalis</i>
2005G076	KIM Kyeong Kyu Sungkyunkwan Univ.	Crystal structure analyses of SdiA from E.coli and its complexes with autoinducers
2005G077	RYU Seong Eon KRIBB, Korea	Crystallographic studies of redox regulated protein families
2005G078	EOM Soo Hyun GIST, Korea	X-ray crystallographic studies on Ionotropic Glutamate Receptors
2005G079	TANOKURA Masaru The Univ. of Tokyo	Crystal structure analysis of the Pin domain of human Est1
2005G080	OHISHI Hirofumi Osaka Univ. of Pharmaceutical Sci.	The X-ray crystallographic analysis of protein, DNA complex crystal in order to clarify the mechanisms of transcription
2005G081	TAKAHASHI Rheo Gunma Univ.	Fine Characterization of Food Polysaccharides
2005G082	SUGIYAMA Masaaki Kyoto Univ.	Investigation on molecular behavior and aggregation of eye-lens protein, $\alpha$ -crystalline
2005G083	YUGUCHI Yoshiaki AIST	Solution Structure of Association of Xyloglucan with Different Molecular Weight as Induced by Small Molecules
2005G084	WATANABE Yasushi NFRI	Estimation of the monitoring system for the protein separations using a solution X-ray scattering
2005G085	SUGIYAMA Hiroshi KEK-PF	Development of X-ray dark-field imaging system for clinical application

Proposal Number	Spokesperson	Title
2005G086	HIRANO Masatsugu Niihama Natl. Col. of Tech.	High resolution structures of human cyclophilin J. and E coli CcmG/DsbE and their complexes of mutants
2005G087	HAYAISHI Tatsuji Univ. of Tsukuba	Studies on inner-shell photoionization of simple molecules by zero-energy electron-parent ion coincidences
2005G088	KOBAYASHI Yasuhiro Kyoto Univ.	Fe-57 Nuclear Resonant Small-Angle Scattering of Nano-particles
2005G089	NAKAYAMA Yasuo JST CREST	Photoemission study of semiconductor nanodots on oxidized Si(111) surfaces
2005G090	KINOSHITA Toyohiko JASRI	Commissioning of a new spin-resolved photoemission equipment with a high-efficiency spin detector
2005G091	SHIGETA Yukichi Yokohama City Univ.	Local electronic structure of nano-scale compound materials
2005G092	SAITO Toshiaki The Toho Univ.	Study on the interfacial electronic state in tunneling magneto-resistive films with a single-crystalline MgO tunnel barrier
2005G093	TANAKA Akinori Kobe Univ.	Soft-x ray absorption and emission studies of Si nanoparticle surface-passivated by organic molecules
2005G094	HARUKI Rie Kyushu Univ.	Dynamics of an Iron Complex by Nuclear Resonant Scattering
2005G095	SATO Hitoshi Hiroshima Univ.	Anisotropy of the O 2p partial density of states of the layered material MoO <sub>3</sub> observed by means of Ols doft X-ray emission spectroscopy
2005G096	IWASA Kazuaki Tohoku Univ.	Electronic state of Pr (Ru <sub>x</sub> Os <sub>1-x</sub> ) <sub>4</sub> Sb <sub>12</sub> exhibiting phonon and crystal-field-excitation softening
2005G097	NAKAJIMA Nobuo Hiroshima Univ.	Study on electronic structures of Fr <sub>x</sub> Co <sub>1-x</sub> Si and Fe/Al/Si films by SiK <sub>β</sub> emission spectroscopy
2005G098	AMEMIYA Kenta The Univ. of Tokyo	Element specific magnetic hysteresis measurements in Fe/Ni and Co/Fe/Ni thin dilms
2005G099	YAGISHITA Akira KEK-PF	Photoemission dynamics in inner-shell ionization of highly symmetric molecules
2005G100	ZHANG Xiaowei KEK-PF	Development of sample preparation and data analysis in time domain Mossbauer spectroscopy
2005G101	FUJIMORI Atsushi The Univ. of Tokyo	Angle-resolved photoemission study of MBE-grown perovskite-type transition-metal oxides
2005G102	TAGUCHI Yukihiko Osaka Prefecture Univ.	Soft X-ray spectroscopy study of change in ligand orbitals associated with charge order transition
2005G103	SHIMOMURA Masaru Shizuoka Univ.	Band structure of the indium atomic wire on GaP(001)
2005G104	TEZUKA Yasuhisa Hirosaki Univ.	Soft X-ray Emission Study on Electronic Structure of Ti-oxide
2005G105	JANOWITZ Christoph Humboldt Univ., Berlin	Study of electronic and magnetic states of strongly correlated materials by high-resolution photoemission and dichroism experiments using synchrotron radiation
2005G106	KAKIZAKI Akito The Univ. of Tokyo	Electronic and structural properties of 4d-transition metal ultra thin films
2005G107	WATANABE Yasuhiro The Univ. of Tokyo	A study of quasiperiodic momentum distribution of electrons in Al-Mn-Fe-Ge decagonal phase and its approximant phase by high resolution Compton Scattering
2005G108	ADACHI Jun-ichi KEK-PF	Multi-atom resonant photoemission effects in core-level photoelectron angular distributions for N <sub>2</sub> O and OCS molecules in gas phase
2005G109	ITO Masahisa Gunma Univ.	3D reconstruction of spin density of YTiO <sub>3</sub> by the X-ray magnetic diffraction and the ground state of Ti-3d electrons
2005G110	NOZAWA Shunsuke JST	X-ray Absorption Study on Photo-Induced Phase Transition of SrTiO <sub>3</sub>
2005G111	NAKAMURA Jin Univ. of Electro-Commun.	Electronic structure of boron-doped diamond by soft x-ray absorption and emission spectroscopy
2005G112	MITSUMI Takaya JAERI	Site-Specific Mossbauer time spectrum from magnetite single crystal using Nuclear Resonant Bragg Scattering
2005G113	SETO Makoto Kyoto Univ.	Dependence of nuclear resonant scattering intensity on the coherent states
2005G114	HASEGAWA Tetsuya The Univ. of Tokyo	XMCD analysis of oxide dilute magnetic semiconductors
2005G115	MATSUMOTO Yuji Tokyo Inst. of Tech.	In-situ laser photoemission study on well-defined photocatalyst surfaces of perovskite titanium oxides grown by Laser MBE

Proposal Number	Spokesperson	Title
2005G116	SAKURAI Hiroshi Gunma Univ.	Magnetic Compton profiles of perpendicular magnetic anisotropy films
2005G117	IWAZUMI Toshiaki KEK-PF	Electric Conductivity Measurements of Vital Substances X-ray Spectroscopies
2005G118	BABA Yuji JAERI	Resonant Auger electron spectroscopic observation on thin films of organic and biological molecules
2005G119	KUBOTA Masato KEK-PF	Photoemission and resonant X-ray scattering studies on strongly correlated materials
2005G120	HATANO Tadashi Tohoku Univ.	Development of precise multilayers for soft X-ray imaging
2005G121	CHIBA Masami Tokyo Metropolitan Univ.	Measurement of free-electron lifetime in rock salt by X ray irradiation
2005G122	ONO Shigeaki JAMSTEC	In situ X-ray observations of reaction between iron and silicate minerals at high pressure and temperature
2005G123	DEGUCHI Hiroyuki Kyushu Inst. of Tech.	The structural and magnetic properties of superconductor nanoparticles in mesoporous silica
2005G124	SASAKI Satoshi Tokyo Inst. of Tech.	Advanced Crystal-Structure Determination with Site Preference and Spin Orientation
2005G125	NAKAMURA Tomoki Kyushu Univ.	Synchrotron X-ray diffraction analysis of cosmic dust and planetary samples recovered by solar-system exploration missions
2005G126	AKIMOTO Koichi Nagoya Univ.	Structural study of tribological performance by anomalous X-ray diffraction
2005G127	HAPPO Naohisa Hiroshima City Univ.	Local structure analysis magnetic semiconductor $Zn_{1-x}Mn_xTe$ using X-ray fluorescence holography
2005G128	HASHIMOTO Takuya Nihon Univ.	Analysis of structural phase transition of new oxide-ion conductor, $Ba_{2-x-y}Sr_xLa_yIn_{2-z}Ga_zO_5$
2005G129	HOSOKAWA Shinya Hiroshima Inst. of Tech.	Three-dimensional image of DVD material film crystal probed by X-ray fluorescence holography
2005G130	AKASAKA Takeshi Univ. of Tsukuba	Studies on the dynamic behavior of encapsulated metals in endohedral metallofullerenes
2005G131	SASAKI Satoshi Tokyo Inst. of Tech.	Resonant X-Ray Scattering for Geometrically Frustrated Transition-Metal Oxides
2005G132	OHSATO Hitoshi Nagoya Inst. of Tech.	X-ray Crystal Structure Analysis of Innovative Electroceramics
2005G133	OHSATO Hitoshi Nagoya Inst. of Tech.	Ionic distribution in $(Ba_{1-\alpha}Sr_\alpha)_{6-3x}R_{8+2x}Ti_{18}O_{54}$ solid solutions (R=Sm,Nd,La)
2005G134	NAKAO Hironori Tohoku Univ.	Orbitally ordered state controlled by hydrostatic and uniaxial pressure in perovskite type transition metal oxide
2005G135	TAKAHASI Toshio The Univ. of Tokyo	One dimensional structure of metals buried in semiconductors
2005G136	HAGIYA Kenji Univ. of Hyogo	Crystal structures of omphacites in natural rocks
2005G137	OKITSU Kouhei The Univ. of Tokyo	Verification and application of Takagi-Taupin-type X-ray $n$ -beam dynamical diffraction theory
2005G138	TSUJI Kazuhiko Keio Univ.	Structure of liquid IV-VI compounds under pressure
2005G139	ISHIBASHI Hiroki Osaka Prefecture Univ.	Study on structural transition of spinel oxides $Mcr_2O_4$ at low temperatures
2005G140	ISHIBASHI Hiroki Osaka Prefecture Univ.	Crystal Structure of Cubic Laves Phase Compound $ErCo_2$ below ferrimagnetic transition temperature
2005G141	KOKUBUN Jun Tokyo Univ. of Sci.	Study of Fe electronic states in magnetite using ATS scattering
2005G142	URAKAWA Satoru Okayama Univ.	Pressure-induced structural change of Ca- and Al- aluminosilicate melts
2005G143	NAGAI Takaya Hokkaido Univ.	Behavior of trivalent cations in silicate perovskites
2005G144	YAMAUCHI Miho Kyushu Univ.	Structural Change of Hydrogen Storage Alloy Nanoparticles under Hydrogen Pressure
2005G145	PETRYKIN Valery Tohoku Univ.	Application of resonant X-ray diffraction for investigation of crystal and band structures of sulfide photocatalysts derived from ZnS with isovalent substitutions
2005G146	PETRYKIN Valery Tohoku Univ.	Structural analysis of water soluble citrates and peroxocitrates complexes available only in the powder crystalline form

Proposal Number	Spokesperson	Title
2005G147	OHWADA Kenji JAERI	Observation of the charge fluctuation concerning the pressure induced superconductivity of $\text{Na}_{0.33}\text{V}_2\text{O}_5$ by resonant x-ray scattering under high pressure
2005G148	KIMURA Hiroyuki Tohoku Univ.	Search for a pressure-induced charge stripe order in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ High-Tc superconductors
2005G149	NAKAI Izumi Tokyo Univ. of Sci.	Development of a new high resolution energy-dispersive X-ray diffraction system for high-pressure research
2005G150	OHSUMI Kazumasa KEK-PF	Crystallographic studies on extraterrestrial materials/2
2005G151	OHTANI Eiji Tohoku Univ.	Phase relationship of multicomponent of silicate under hydrous condition at high-pressure and high-temperature
2005G152	ISHIJI Kotaro KEK-PF	Determination of Cu-layer thicknesses in indirectly exchange-coupled Co/Cu multilayers by multiwavelength anomalous-dispersion specular reflection profiles
2005G153	OZEKI Tomoji Tokyo Inst. of Tech.	Precise structure analyses of the micrometer-sized crystals of mixed-valence polyoxometalates using high-flux X-rays
2005G154	MARUYAMA Koh-ichi IMS	Interfacial magnetic characterization of multilayered electrodeposit by x-ray scattering
2005G155	TABUCHI Masao Nagoya Univ.	Growth process of III-V compound semiconductor interfaces and surfaces analyzed by X-ray CTR scattering measurement
2005G156	MIZUNO Kaoru Shimane Univ.	Characterization of nearly perfect ZnTe single crystals using X-ray topo-tomography techniques
2005G157	YASHIMA Masatomo Tokyo Inst. of Tech.	Conduction path and spacial distribution of oxide ions in cobaltite-based perovskites
2005G158	YASHIMA Masatomo Tokyo Inst. of Tech.	Conduction path and spacial distribution of oxide ions in ceria-based materials
2005G159	NAKAI Izumi Tokyo Univ. of Sci.	Structural characterization of exfoliated unilamellar crystallites by in-plane diffraction analysis
2005G160	HESTER James ANBF	Experimental charge density studies of pharmacologically active kavalactones
2005G161	NIIMURA Nobuo Ibaraki Univ.	X-ray diffuse scattering from lattice defects in a protein single crystal
2005G162	TOKANAI Fuyuki Yamagata Univ.	Development of Gaseous Imaging Device with Glass Capillary Plate
2005G163	KISHIMOTO Shunji KEK-PF	Development of a new scintillation detector with sub-nanosecond decay time for high-energy X-rays
2005G164	TSURU Takeshi Kyoto Univ.	Development of X-ray Polarimeter with a Micro Pixel Chamber
2005G165	HIRANO Keiichi KEK-PF	Investigation of the angle-resolved x-ray imaging using a resolution-tunable analyzer
2005G166	MIHARA Tatehiro RIKEN	Performance of hard X-ray imaging polarimeter
2005G167	TAKAHASHI Hiroyuki The Univ. of Tokyo	Development of a nano strip Gas Chamber (NSGC)
2005G168	FONS Paul AIST	L-edge XAFS Measurements of Chalcogenide Phase-Change Memory Alloys
2005G169	HARADA Masafumi Nara Woman's Univ.	Structural Change of Emulsions in Forming of Metal Colloids in Water-in- $\text{scCO}_2$ Microemulsions
2005G170	SAWAGUCHI Takashi Nihon Univ.	Analysis and Control of Structures of Polymer Blends Prepared Using Supercritical Carbon Dioxide
2005G171	ORIHARA Hiroshi Hokkaido Univ.	Micro structure analysis of liquid crystals using X-ray anomalous dispersion effect
2005G172	MORITA Takeshi Chiba Univ.	<i>In-situ measurements of anomalous volume-expansion and fluctuations for subcritical water-hydrocarbon mixtures</i>
2005G173	KATO Tadashi Tokyo Metropolitan Univ.	Shear-Induced Structural Transitions in Surfactant Lamellar Phases
2005G174	TABUCHI Masao Nagoya Univ.	Fluorescence EXAFS study of influence of Mn template on GaAs/ErAs/GaAs double hetero-structure
2005G175	KONISHI Hiroyuki JAERI	XAFS Study on Structure of Rust Layer on Fe-Based Alloys Exposed to Airborne Saline Environments
2005G176	KONISHI Hiroyuki JAERI	XAFS Study on Structure of TiBN Thin Film with Ultra High Hardness
2005G177	UENO Satoru Hiroshima Univ.	Synchrotron X-ray diffraction study on the effect of additives for phase behaviors of the leuco dye-long chain molecules double component systems
2005G178	USUKI Takeshi Yamagata Univ.	Relationship between fast ionic conduction and glass network structure in AgBr-doped glasses

Proposal Number	Spokesperson	Title
2005G179	KIMURA Yasuyuki Kyushu Univ.	Study on structure and its phase transition in chiral twin liquid crystals
2005G180	TOKITA Masatoshi Tokyo Inst. of Tech.	Long Periodic Structure in Polymer Liquid Crystals Induced by Shear Flow
2005G181	OFUCHI Hironori Nagoya Univ.	Fluorescence XAFS analysis of local structures around specific atoms in (Zn,Cr)Te
2005G182	AMEMIYA Yoshiyuki The Univ. of Tokyo	Observation of aggregation structure of filler in stretched and sheared rubber by time-resolved small-angle X-ray scattering
2005G183	AMEMIYA Yoshiyuki The Univ. of Tokyo	Time-resolved x-ray scattering study of crystallization of polyethylene blends after shearing
2005G184	AMEMIYA Yoshiyuki The Univ. of Tokyo	Time-resolved simultaneous two-dimensional SAXS and polarizing microscope study of dynamics of Smectic layer rotation in ferroelectric liquid crystal
2005G185	ITO Kohzo The Univ. of Tokyo	Micro Phase Separation of Topological Gel
2005G186	SAKURAI Shinichi Kyoto Inst. of Tech.	Analyses of accidentally-formed immature gyroid in block copolymers and mechanism of transformation to perfect gyroid by small-angle X-ray scattering
2005G187	SAKURAI Shinichi Kyoto Inst. of Tech.	Influence of Orientational Regularity of Cylinders on Grain Growth of Hexagonally-Ordered Cylinders in Block Copolymers by using Simultaneous Measurements of Depolarized Light Scattering and Small-Angle X-Ray Scattering
2005G188	TORIKAI Naoya KEK-PF	Microphase-separated structure with curved interface in a block copolymer thin film
2005G189	YAGI Masayuki Niigata Univ.	XAFS analysis of dinuclear manganese complexes adsorbed on clay compounds as an active water oxidation catalyst
2005G190	HARADA Masafumi Nara Woman's Univ.	Time-resolved EXAFS measurements in forming of Ag nanoparticles in water-in-scCO <sub>2</sub> microemulsions
2005G191	YOSHIDA Hirohisa Tokyo Metropolitan Univ.	Studies on Structure and Phase Transitions of Liquid Crystalline monomer and These Model Molecules by DSC-XRD
2005G192	SEGAWA Kohichi Sophia Univ.	Development of New Catalysts for Ultra Deep HDS using TiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> composite supports
2005G193	IKEMOTO Hiroyuki Toyama Univ.	Phase Transition of Tellurium Cluster
2005G194	TAKENAKA Sakae Kyushu Univ.	Analyses of local structures of metal species coated with silica nano-particles
2005G195	TAKENAKA Sakae Kyushu Univ.	Structural analysis of active centers in enzymes stabilized on silica nanoparticles
2005G196	YOSHITAKE Hideaki Yokohama Natl. Univ.	Structural Study of Mesoporous Organosilica Prepared by Addition and Substitution Reactions
2005G197	MIYANAGA Takafumi Hirosaki Univ.	Local Structure around Zn atoms in MgAnO thin films by XAFS
2005G198	MIYANAGA Takafumi Hirosaki Univ.	Study of Rattling Mechanism in Heavy-Fermion superconductor PrOs <sub>4</sub> Sb <sub>12</sub> by XAFS
2005G199	OUGIZAWA Toshiaki Tokyo Inst. of Tech.	Correlation of oxygen permeability and crystallization in gas barrier polymer
2005G200	SARODE P.R. Goa Univ., India	Study of Local Atomic Environment of Metal Ions in Combustion Synthesized M/CeO <sub>2</sub> -TiO <sub>2</sub> (M=Pd,Pt) Catalysts by X-ray Absorption Fine Structure (XAFS)
2005G201	SUZUKI Shushi Hokkaido Univ.	Development of X-ray Aided Noncontact Atomic Force Microscopy for nano-level elemental analysis
2005G202	KANOHI Hirofumi Chiba Univ.	Studies on the coordination structures in poly-vinyl alcohol hydrogels
2005G203	CHUN Wang Jae Hokkaido Univ.	Structure Analysis of Au Clusters on Single crystal Metal oxide Surfaces by in-situ Angle Resolved Polarization-dependent Total Reflection Fluorescence XAFS
2005G204	YOSHIDA Hisao Nagoya Univ.	XAFS study on local structure of polymer-incarcerated catalysts
2005G205	KOBAYASHI Eiichi KEK-PF	Study of ion desorption induced by core-electron excitations of molecules adsorbed on silicon surfaces using coincidence spectroscopy
2005G206	IMAI Masayuki Ochanomizu Univ.	Kinetic Pathways to the Minimal Surface Phases in Nonionic Surfactants/Water Systems
2005G207	IWASAWA Yasuhiro The Univ. of Tokyo	In-situ Time-Resolved Energy-Dispersive XAFS Study on Dynamic Processes of Fuel Cell Catalysts
2005G208	IWASAWA Yasuhiro The Univ. of Tokyo	Time-Resolved DXAFS Study on Structure Dynamics and Reaction Mechanism for Direct Phenol Synthesis from Benzene and Molecular Oxygen on High Selective Re-Cluster/Zeolite Catalysts

Proposal Number	Spokesperson	Title
2005G209	TADA Mizuki The Univ. of Tokyo	XAFS Study on SiO <sub>2</sub> -Supported Ru-complex Catalysts for Selective Alkene Epoxidation
2005G210	UCHIMOTO Yoshiharu Kyoto Univ.	in situ Electrochemical XAFS Study of Gold Nano-particle Electrodes
2005G211	AMEZAWA Koji Kyoto Univ.	XANES Study of Rare Earth Phosphates
2005G212	TANAKA Isao Kyoto Univ.	Local structure of Mn dopants in widegap diluted magnetic semiconductors
2005G213	YAMAGUCHI Toshio Fukuoka Univ.	XAFS study on ion hydration in confinement in nanometer scale
2005G214	ICHIKUNI Nobuyuki Chiba Univ.	In-situ XAFS analysis on preparation process of nitride catalyst by using N <sub>2</sub> -H <sub>2</sub> gas
2005G215	HARA Kazuhiro Kyushu Univ.	Control of the Micro-Phase-Separation Structure in Dehydrated Gel Utilizing the Interaction Change between Network Polymers
2005G216	OKUHARA Toshio Hokkaido Univ.	XAFS investigation on the structure of the active sites in supported Cu-Pd cluster catalyst and supported Cu-Pd alloy catalyst
2005G217	WATANABE Iwao Osaka Prefecture Univ.	Study of ionic micellar and pre-micellar solutions using counter ion as a probe
2005G218	KAWAGUCHI Seigou Yamagata Univ.	Studies on Molecular Conformation of Cylindrical Rod Brushes
2005G220	IZUMI Yasuo Tokyo Inst. of Tech.	Spectroscopic Support of the Control Technique of Rh Site Number and State in Regular Porous Silica
2005G221	PSARO Rinaldo CNR-ISTM, Italy	XAFS study of supported Ir-Sn/SiO <sub>2</sub> bimetallic catalysts in propane dehydrogenation
2005G222	OKUDA Hiroshi Kyoto Univ.	In-situ SWAXS/DSC measurements on the development from precursory structure to crystallization in metallic glass
2005G223	FUJIMOTO Yasushi Osaka Univ.	Analysis by XAFS of fluorescence intensity enhancement phenomena for Bi doped Silica glasses with Germanium or Titanium co-doping
2005G225	MATSUO Shuji Fukuoka Univ.	Surface structure of titanium dioxide films with heat and chemical treatments using XAFS
2005G226	JALILEHVAND Farideh Univ. of Calgary, CANADA	Metal Complexes of Glutathione using X-ray Absorption Spectroscopy
2005G227	YAMAMOTO Tomoyuki Waseda Univ.	Local structure analysis of nano-size Pt particle by XANES
2005G228	KAGI Hiroyuki The Univ. of Tokyo	Oxidation state of lanthanide ion in inorganic materials
2005G229	IWASE Akihiro Osaka Prefecture Univ.	Study on the structure of metal-silicon compounds produced by ion-irradiation enhanced diffusion
2005G230	NOMURA Masaharu KEK-PF	Upgrading of DXAFS instrument and establishment of time-resolved XAFS technique
2005G231	SUZUKI Akane KEK-PF	Time-resolved DXAFS studies on dynamic structural changes in Pt clusters on MCM-41
2005G232	FONS Paul AIST	Nanosecond Time Scale Structural Dynamics in Ge-Sb-Te Phase Change Materials
2005G233	YAMAGUCHI Hirotaka AIST	XANES study on F sites in high-Tc superconductors, Ba-Ca-Cu-O-F
2005G234	INADA Yasuhiro KEK-PF	Development of double-crystal DXAFS instrument and mechanistic study of redox on metal species supported in zeolite
2005G235	KURODA Yasushige Okayama Univ.	Establishment of the usefulness of optical XAFS method as valence and site selective analyses
2005G236	HARADA Makoto Tokyo Inst. of Tech.	Hydration structures of ions in the water-polyether mixtures
2005G238	Zhangjing Tohoku Univ.	XAS study the local structure transformation in the nanoparticles with surface modification
2005G239	NAKAI Izumi Tokyo Univ. of Sci.	Polarization dependent total reflection fluorescence XAFS analysis of exfoliated nanomaterials
2005G240	NAKAI Izumi Tokyo Univ. of Sci.	Study on the clearing mechanism of soda lime glass by XAFS analysis
2005G241	MATSUBAYASHI Nobuyuki AIST	Development of Quantitative Analysis Technique of thin film using XAS for Primary Standards



Proposal Number	Spokesperson	Title
2005G242	KOJIMA Isao AIST	Variable Photon Energy Photoelectron Spectroscopy and Fluorescent X-ray Absorption Spectroscopy of High-k Gate Oxide Films
2005G243	KOHAGURA Junko Univ. of Tsukuba	Effects of nuclear-fusion produced neutrons on X-ray energy responses of silicon semiconductor detectors
2005G244	IWAZUMI Toshiaki KEK-PF	Study of Prussian Blue Analogs by X-ray Emission and Absorption Spectroscopies
2005G245	YAMAMOTO Katsuhiro Nagoya Inst. of Tech.	Crystalline Formation in Confined of Oriented Microphase Separation of Crystalline-Major Block Copolymer
2005G246	HEO Jong Pohang Univ. of Sci. & Tech., Korea	EXAFS investigation of the local environment of rare-earth ions in non-silicate glasses
2005G247	HANDA Hiroshi Tokyo Inst. of Tech.	XAFS measurement for surface reaction between ferrite nanoparticles and compounds with sulfur functional groups
2005G248	OHKUBO Masataka AIST	Development of analyzing station with fluorescence yield in soft x-rays
2005G249	AMEMIYA Kenta The Univ. of Tokyo	Development of a three-dimensional XAFS technique with a soft x-ray microbeam
2005G250	SUH Se Won Seoul Natl. Univ., Korea	MAD data collection on the human ARD1 homolog
2005G251	DING Jianping CAS, China	Structure studies of human proteins that are of biological importance
2005G252	TOMITA Kozo AIST	Mechanism and evolution of template-independent RNA polymerases
2005G253	WANG Da-Cheng CAS, China	Structural genomics on <i>Shigella flexneri</i> (2a 301) proteins
2005G254	EOM Soo Hyun Gwanji Inst. of Sci. & Tech., Korea	X-ray crystallographic studies on ATP-dependent proteases(CodWX and Lon)
2005G255	UNNO Masaki Tohoku Univ.	Hydropeoxy intermediate of heme oxygenase catalysis cryo-trapped generated by x-ray induced photo reduction
2005G256	ITO Takuhiro The Univ. of Tokyo	Crystal structural studies on <i>Helicobacter phlori</i> Glutamyl-tRNA synthetases with tRNAs
2005G257	KINOSHITA Takayoshi Osaka Prefecture Univ.	Structural analysis of protein-protein interaction in the ERK pathway
2005G258	SEKINE Shun-ichi The Univ. of Tokyo	Structural studies of selenocysteine-biosynthesis machineries
2005G259	OH Byung-Ha Pohang Univ. of Sci. & Tech., Korea	Structural study on multi-protein complex TRAPP essential for endoplasmic reticulum-to-Golgi transport
2005G260	SENDA Toshiya AIST	Crystal structure analysis of C-protein derived from measles virus
2005G261	TAKENAKA Akio Tokyo Inst. of Tech.	X-ray analyses of non-coding DNA/RNA
2005G262	ITO Nobutoshi Tohoku Univ.	Structural analysis of DNA primase heterodimer
2005G263	ITO Sohei Univ. of Shizuoka	X-ray structural analysis of anti-DNA antibody involved in systemic lupus erythematosus
2005G265	OGATA Kazuhiro Yokohama City Univ.	Study of molecular mechanism for transcription factors assembly on T cell receptor enhancer
2005G266	OGATA Kazuhiro Yokohama City Univ.	Methylated DNA recognition mechanism of the transcription factor MeCP2
2005G267	PADMANABHAN Balasundaram RIKEN	Structural analyses of proteasome subunits, mouse S6ATPase and yeast rpt3 complexed with their counterparts gankyrin and Nas6p proteins, respectively
2005G268	NISHIYAMA Makoto The Univ. of Tokyo	Crystal structure analysis of a complex between catalytic and regulatory subunits of aspartate kinase
2005G269	YAJIMA SHUNSUKE Tokyo Univ. of Agri.	Structural study on the mechanism of wheat beta-glucosidase activity
2005G270	YAJIMA SHUNSUKE Tokyo Univ. of Agri.	Studies on the enzymes as the anti-malarial and anti-bacterial drugs targets
2005G271	YAJIMA SHUNSUKE Tokyo Univ. of Agri.	Studies on the substrate recognition mechanism by tRNA-specific ribonuclease

Proposal Number	Spokesperson	Title
2005G272	KAMITORI Shigehiro Kagawa Univ.	Structural Study of <i>Thermoactinomyces vulgaris</i> R-47 Cyclodextrin Transport and Metabolic Pathway
2005G273	KAMITORI Shigehiro Kagawa Univ.	Structural study of microglia/macrophage-specific calcium-binding protein Ibal
2005G274	TAMURA Tomohiro AIST	Structural study of cytochrome P450 from Actinomycete
2005G275	TAMURA Tomohiro AIST	Structural study of LtsA from Actinomycete
2005G276	KITA Akiko Kyoto Univ.	Crystal structure analysis of the novel lectin from octocoral
2005G277	UCHIDA Akira The Toho Univ.	X-ray structural analysis of photoconvertible Water-soluble chlorophyll protein from <i>Chenopodium album</i>
2005G278	WAKATSUKI Soichi KEK-PF	X-ray structural analysis of which regulates voltage-sensitive calcium channel of <i>Pafamecium Caudatum</i>
2005G279	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of ZNF216 on the muscular atrophy
2005G280	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of 2-mercaptoethanol bound human Cu/Zn-SOD understand ALS arising mechanism
2005G281	SHIRAKIHARA Yasuo Natl. Inst. of Genetics	Improvement of ATP synthase crystals
2005G282	ISHII Ryohei RIKEN	Structural analysis of RNA recognition by tRNase Z
2005G283	TANAKA Nobutada Showa Univ.	Crystal structure analysis of a cyclophosphate synthase from <i>Plasmodium falciparum</i>
2005G284	WATANABE Nobuhisa Hokkaido Univ.	X-ray crystal structural analysis of Fe uptake related protein from <i>Staphylococcus aureus</i>
2005G285	WATANABE Nobuhisa Hokkaido Univ.	X-ray crystal structure analysis of archaeobacterial geranygerany-diphosphate synthase
2005G286	WATANABE Nobuhisa Hokkaido Univ.	Crystal structure analysis of $\beta$ -1, 3-xylanase from <i>Vibrio</i> sp. AX4
2005G287	HASHIMOTO Hiroshi Yokohama City Univ.	Structural study of reginsulin-binding protein
2005G288	WAKATSUKI Soichi KEK-PF	Crystallographic analysis of Tollip which regulates signal transduction and endocytosis
2005G289	KUSUNOKI Masami Osaka Univ.	X-ray Crystal Analysis of Mouse Brain Protein Carnosinase
2005G290	KATAYANAGI Katsuo Hiroshima Univ.	Crystal structure analysis of synphilin-1
2005G291	KAMINISHI Tatsuya RIKEN	X-ray crystallographic study of the 30S ribosomal subunit in complex with translation-related proteins
2005G292	WAKABAYASHI Takeyuki Teikyo Univ.	Structural basis of action-troponin complex
2005G293	TAKAHASHI Rheo Gunma Univ.	Fine Characterization of Food Polysaccharides with On-line SEC-SAXS-MALS Detection
2005G294	TAKEYA Satoshi AIST	Development of three dimensional imaging technique on crystals composed of water molecules under low-temperature conditions
2005G295	MUROGA Yoshio Nagoya Univ.	Morphology Formed by Polysaccharide-Tricarbanilates and Its Evolution Mechanism
2005G296	IZUMI Yoshinobu Yamagata Univ.	Interactions between Alzheimer's disease proteins and calmodulin
2005G297	XIAN Ding Chang CAS, China	Study of the Precambrian fossils inner structures by hard x-ray phase-contrast imaging
2005G298	GODA Shuichiro The Univ. of Tokushima	Elucidation of the mechanism of structural changes in the activation of glutamate dehydrogenase from hyperthermophile
2005G299	MATSUSHIMA Norio Sapporo Medical Univ.	Interactions of Plant Calmodulin with Myristoylated Proteins
2005G300	IKEGUCHI Masamichi Soka Univ.	Relation of a cold-denatured structure of equine $\beta$ -lactoglobulin to the structure during an early stage of folding
2005G301	TAKAHASHI Hiroshi Gunma Univ.	Membrane structures of asymmetric sphingolipids and its relation to raft formation

Proposal Number	Spokesperson	Title
2005G302	KOJIMA Masaki Tokyo Univ. of Pharmacy & Life Sci.	Molecular mechanism of amyloidogenesis of $\alpha$ -synuclein
2005G303	HIRAI Mitsuhiro Gunma Univ.	Effect of lipid mixture containing glycolipids on nucleation and growth of amyloid
2005G304	MORI Koichi Ibaraki Prefectural Univ. of Health Sci.	Imaging and diagnoses of joint disease by means of diffraction enhanced imaging meyhod
2005G305	SODA Kunitsugu Nagaoka Univ. of Tech.	Analysis of the Aggregate Formation of Denaturant-denatured Proteins
2005G306	INOKO Yoji Osaka Univ.	Time-resolved X-ray solution scattering study for nucleation and growyh of iron core in ferritin cavity
2005G308	TAKEDA Tohoru Univ. of Tsukuba	Development of fluorescent X-ray computed tomography for live animal imaging
2005G309	HATTA Ichiro Fukui Univ. of Tech.	Structural correlation between domains of hydrophobic and hydrophilic intercellular lipids stratum corneum
2005G310	WAKABAYASHI Katsuzo Osaka Univ.	High-Resolution X-ray Diffraction from Skeletal Muscles on Shortening with No Load
2005G311	SUGIMOTO Yasunobu Osaka Univ.	X-ray Solution Scattering of Pricessive Myosin Motors During ATP Hydrolysis Cycle
2005G312	OBATA Yasuko Hoshi Univ.	Effect of transdermal absorption enhancers on lipid lamellar structure of stratum corneum
2005G313	OHNUKI Toshihiko JAERI	Study of Biotransformation of Acides by Bacteria
2005G314	TIMCHENKO A. Alexander Inst. of Protein Research RAS, Russia	Solution structure and oligomeric state of human p50-p50 and p50-p65 NF- $\kappa$ B in complexes with DNA duplexes studied by synchrotron small-angle X-ray scattering
2005G315	KIHARA Hiroshi Kansai Medical Univ.	Folding and misfolding of actin and its inactivated state
2005G316	HUANG Zechun CAS, China	Cellular distribution of arsenic chemical state in As-hyperaccumulators
2005G317	USAMI Noriko KEK-PF	Bystander Cell Killing Induction by Induced DNA Damage from Photoabsorption at Phosphorous K-edge
2005P001	HIRAYAMA Tomoko Ryukoku Univ.	Measurement of X-ray Diffraction for Machine Oil under High Pressure
2005P002	HOSOMI Masaaki Tokyo Univ. of Agri. & Tech.	Clalification of heavy metal insoluble mechanism by Mechanochemical Process
2005P005	SHIMOBAYASHI Norimasa Kyoto Univ.	Determination of space group for optically anomalous grandite garnets
2005P006	IKEMOTO Hiroyuki Toyama Univ.	Crystalline to Amorphous Transition of Bismuth Cluster
2005P007	MATSUISHI Kiyoto Univ. of Tsukuba	High-Pressure Structural Analyses on Organic-Inorganic Complex Semiconductors with Nono-Scaled Quantum Structures
2005P008	OSHIO Hiroyuki Univ. of Tsukuba	Study on strong correlation effect of mixed-valence manganese oxide cluster
2005P009	HAMAGUCHI Hiroo The Univ. of Tokyo	SAXS study on ionic liquids by analysis of messoscopic structure
2005P010	HOSOMI Masaaki Tokyo Univ. of Agri. & Tech.	State analysis of lead compound for clalification of heavy-metal encapsulation mechanism by Mechanochemical process
2005P011	KAJINAMI Akihiko Kobe Univ.	Investigation of local structure around manganese borate and phosphate glasses by XAFS measurement
2005P013	HAYASHI Yoshihiko Nagasaki Univ.	Quantitative Elemental Analyses of Remineralized Enamel lesion using Synchrotron Radiation
2005P014	IZUMI Yasuo Tokyo Inst. of Tech.	XAFS that Selectively Observed the Emission Line from Photo-excited Active Vanadium Species on Surface

Proposal Number	Spokesperson	Title
2005C001	WAKATSUKI Soich Sankyo Co., Ltd.	Purification, crystallization and X-ray structure analysis of complexes between proteins and small ligands for drug design
2005C002	WAKATSUKI Soichi Protein Wave Co.	X-ray crystal structure analysis of functional proteins in complex with various inhibitors
2005C003	IISAWA Masaaki Toshiba IPSS	Experimental study of a compact damped-cavity using simple HOM couplers.
2005C004	WAKATSUKI Soichi JT	X-ray crystal structure analysis of complexes between drug target proteins and small ligands
2005C005	NOMURA Masaharu Fuji Photo Film Co., Ltd.	Structural and chemical state analysis of small quantity additives in inorganic materials
2005C006	NOMURA Masaharu Toray Research Center,	Development of chemical characterization of contamination on wafer surface
2005C007	NOMURA Masaharu Mitsui Chemical Analysis	XAFS analysis of small quantity metals in thin films and catalysts
2005C008	NOMURA Masaharu Mitsubishi Chemical Co.,	XAFS analysis of phosphors for solid state lighting
2005C009	WAKATSUKI Soichi Astellas Pharma Inc.	Structural analysis of target proteins for drug design
2005C010	MATSUSHITA Tadashi Nippon Steel Corp.	Dynamical explication of material processing with SR
2005C011	MATSUSHITA Tadashi FAIS	Structural biology using SR X-rays
2005C012	NOMURA Masaharu Sumitomo Chemical Co.,	Precise structural and chemical analysis of various catalysts using XAFS
2005C013	WAKATSUKI Soichi Nikkyo Technos Co., Ltd	Advancement of protein crystallization system
2005C014	WAKATSUKI Soichi Toray Research Center,	Advancement of techniques for protein crystallization and X-ray crystal structure analysis using SR
2005C015	WAKATSUKI Soichi AJINOMOTO Co., Inc.	Advancement of X-ray crystal structure analysis of biological macromolecules for the development of industrial enzymes by protein
2005C016	IIDA Atsuo Canon Inc.	Study on microanalysis using SR X-ray microbeam
2005C017	IIDA Atsuo Fujitsu Laboratories Ltd.	Study on structure analysis of thin film surface and interface
2005C018	YAGISHITA Akira Nikon Corp.	SR characterization of X-ray multilayer mirrors
2005C019	NOMURA Masaharu Toyota Central R&D	Time-resolved XAFS analysis of automobile catalysts
2005C020	KISHIMOTO Shunji Ohyo Koken Kogyo Co.,	Development of high-counting rate scintillation counters for high energy X-rays
2005C021	NOMURA Masaharu Nippon Oil Corp.	Study on energy-conserving type lubricants by fluorescent XAFS
2005C022	NOMURA Masaharu Nippon Oil Corp.	XAFS studies of catalysts for base oil production of lubricant and energy-conserving type lubricants
2005C023	KOBAYASHI Katsumi JFE Steel Corp.	Technological establishment of nano-level analysis of materials with SR
2005C024	HIRANO Keiichi Hitachi, Ltd.	Study on X-ray imaging
2005C025	WAKATSUKI Soichi Sankyo Co., Ltd.	Expression, purification, crystallization and X-ray structural analysis of complexes between drug target proteins and small ligands
2005C026	KAWATA Hiroshi ERATO, JST	Construction and use of SR beamline for sub-nanosecond time-resolved X-ray diffraction experiments
2005C027	KITAJIMA Yoshinori Sony Co.	Soft X-ray XAFS study on coordination structure of organometallic compounds in solution
2005C028	IIDA Atsuo Sumitomo Chemical Co.,	X-ray small angle scattering study on dynamical structure change of synthesized polymers
2005Y001	FUJINO Akiko Teijin Pharma Ltd.	Structural study of the interaction between disease-related proteins and inhibitors
2005Y002	HASEBE Nobuyuki Hitachi, Ltd.	Structural analysis of electronic and magnetic device materials

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.