

# FY2009

## JSPS Postdoctoral Fellowship for Foreign Researcher

---

Field: **Chemistry**

note:

---

- Regions and prefectures are listed in right-hand column.
- Scroll down to find map of regions and prefectures.

JSPS Postdoctoral Fellowship for Foreign Researcher  
(FY 2005 Humanities and Social Sciences)

Name (Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
AAKRE, B. M.  NORWAY	Design and Entrepreneurship Education in Japan and Norway	Hokkaido Tokai University KAWASAKI, Kazuhiko Professor School of International Cultural Relations	Nov. 1, 2005— Feb. 28, 2007	Hokkaido Hokkaido
ABDUL, W.  PAKISTAN	Public Debt Burden and Slow Economic Growth: A Case Study of Severely Indebted Low Income Country	University of Nagoya EZAKI, Mitsuo Professor Graduate School of International Development	Apr. 1, 2005— Mar. 31, 2007	Chubu Aichi
AKSARTOVA, S.	The Impact of the End of the Cold War on Japan's	Hosei University MORIMOTO, Nobuo	Nov. 1, 2005— Oct. 31, 2007	Kanto Tokyo

Region  
Prefecture

Hokkaido  
Hokkaido

Chubu  
Aichi

Kanto  
Tokyo

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
ABDELFATTAH, M. S.  EGYPT	Discovery of bioactive marine natural products targeting cancer-related signaling pathways	Chiba University ISHIBASHI, Masami Professor Graduate School of Pharmaceutical Sciences	Sep. 30, 2009~ Sep. 29, 2011	Kanto Chiba
AZIZ, M. A.  BANGLADESH	Multianalyte immunosensing using metal nanoparticle-modified indium tin oxide electrodes	Kyoto University OYAMA, Munetaka Associate Professor Graduate School of Engineering	Nov. 1, 2009~ Oct. 31, 2011	Kinki Kyoto
BHONGALE, C. J.  INDIA	Next Generation Hybrid Polymer Nanocomposites for Photovoltaic Applications	Japan Advanced Institute of Science and Technology MURATA, Hideyuki Professor School of Materials Science	Sep. 1, 2009~ Aug. 31, 2011	Chubu Ishikawa
CASTEL, E.  FRANCE	Crystal growth of dielectric, piezoelectric and ferroelectric materials	National Institute for Materials Science SHIMAMURA, Kiyoshi Group Leader Optronics Materials Center	Nov. 28, 2009~ Nov. 27, 2011	Kanto Ibaraki
CHAROENRAKS, T.  THAILAND	Development of molecular gel-immobilized open tubular capillary for chiral separation	Kumamoto University TAKAFUJI, Makoto Associate Professor Graduate School of Science and Technology	Nov. 16, 2009~ Nov. 15, 2011	Kyushu Kumamoto
CHEN, S.  CHINA	Development of Novel Donor-Acceptor Compounds for Organic Electronics	Tokyo Institute of Technology YAMASHITA, Yoshiro Professor Interdisciplinary Graduate School of Science and Engineering	Nov. 16, 2009~ Nov. 15, 2011	Kanto Kanagawa
EL-AGAMEY, A. A.  EGYPT	Free Radical Chemistry of Carotenoids	Osaka University ITOH, Shinobu Professor Graduate School of Engineering	Nov. 28, 2009~ Nov. 27, 2011	Kinki Osaka
EURENIUS, K. E.  SWEDEN	Characterization of novel materials for proton research	The University of Tokyo YAMAGUCHI, Shu Professor School of Engineering	Nov. 28, 2009~ Nov. 27, 2011	Kanto Tokyo

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
GONNADE, R. G.  INDIA	Studies on the extension of generality of the preferential enrichment complexity phenomenon	Kyoto University TAMURA, Rui Professor Graduate School of Human and Environmental Studies	May. 31, 2009~ May. 30, 2011	Kinki Kyoto
GORETTA, S. A.  FRANCE	Structural basis for the molecular recognition between integral proteins and lipids in lipid raft	Osaka University MURATA, Michio Professor Graduate School of Science	Oct. 14, 2009~ Oct. 13, 2010	Kinki Osaka
GREGOLINSKI, J. S.  POLAND	External Stimuli-Responsive Luminescence Programming Based on Chiral Lanthanide Complexes	Osaka City University MIYAKE, Hiroyuki Associate Professor Graduate School of Science	Oct. 16, 2009~ Apr. 15, 2011	Kinki Osaka
HAN, X.  CHINA	Surface-Enhanced Raman Scattering Based Detection of Human Disease-Related Proteins	Kwansei Gakuin University OZAKI, Yukihiro Professor School of Science and Technology	Nov. 1, 2009~ Oct. 31, 2011	Kinki Hyogo
HSIEH, J.-C.  TAIWAN	Studies on Transition Metal-Catalyzed Novel Reactions of Benzenoid Reactive Intermediates	Kyoto University SHIMIZU, Masaki Associate Professor Graduate School of Engineering	Apr. 1, 2009~ Mar. 31, 2011	Kinki Kyoto
JI, Q.  CHINA	Control the Hollow Mesoporous Silica Structure for Application of Drug Therapy	National Institute for Materials Science ARIGA, Katsuhiko Principal Investigator World Premier International Research Center for Materials Nanoarchitectonics	Sep. 4, 2009~ Sep. 3, 2011	Kanto Ibaraki
JIMENEZ AQUINO, A.  SPAIN	Development of catalytic asymmetric reactions using chiral alkaline earth metal complexes	The University of Tokyo KOBAYASHI, Shu Professor Graduate School of Science	Aug. 31, 2009~ Aug. 30, 2011	Kanto Tokyo
JUHASZ, M.  HUNGARY	To apply Li <sup>+</sup> ion attachment mass spectrometry in various clinical, pharmaceutical areas	Meisei University FUJII, Toshihiro Professor Faculty of Sciences and Engineering	May. 14, 2009~ May. 13, 2011	Kanto Tokyo

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
KAFI, A. M.  BANGLADESH	Development of a bioluminescent probe for visualizing G-protein-coupled signal transduction	The University of Tokyo OZAWA, Takeaki Professor Graduate School of Science	Sep. 28, 2009~ Sep. 27, 2011	Kanto Tokyo
KATHRIARACHCHIGE DON, S. K.  SRI LANKA	Development of Fine Organic Synthesis Based on Iron Catalysis	Kyoto University NAKAMURA, Masaharu Professor Institute for Chemical Research	Sep. 1, 2009~ Aug. 31, 2011	Kinki Kyoto
KIM, Y.  KOREA (REP. OF KOREA)	Development of Advanced Molecular Transformations by Carbon-Nitrogen Bond Activation	Gakushuin University NAKAMURA, Hiroyuki Professor Faculty of Science	Nov. 30, 2009~ Nov. 29, 2011	Kanto Tokyo
LEE, T.  KOREA (REP. OF KOREA)	Functionalization of conducting polymers coated self-assembled silver nanowires by ionic liquid	Yokohama National University WATANABE, Masayoshi Professor Graduate School of Engineering	Oct. 5, 2009~ Oct. 4, 2011	Kanto Kanagawa
LI, X.  CHINA	Biological signal molecule-loaded mesoporous composite adjuvant for cancer vaccination	National Institute of Advanced Industrial Science and Technology ITO, Atsuo Research Group Leader Human Technology Research Institute, Advanced Biomaterials Group	Apr. 1, 2009~ Mar. 31, 2012	Kanto Ibaraki
LIU, J.  CHINA	Development of Novel Nano-Interfacial Materials based on Self-Assembly in Ionic Liquids	Kyushu University KIMIZUKA, Nobuo Professor Faculty of Engineering	Oct. 20, 2009~ Oct. 19, 2011	Kyushu Fukuoka
LIU, T.  CHINA	Creation of Reversible Photomagnetic Single Molecule Magnet(SMM)	Kyushu University SATO, Osamu Professor Institute for Materials Chemistry and Engineering	Sep. 1, 2009~ Aug. 31, 2010	Kyushu Fukuoka
LOBODA, O.  UKRAINE	Efficient theoretical design for Fullerene-CNT Nanowire devices and its applications	Kyushu University AOKI, Yuriko Professor Faculty of Engineering Sciences	Sep. 1, 2009~ Aug. 31, 2011	Kyushu Fukuoka

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
LOTSTEDT, E. V.  SWEDEN	Fundamental theory on mechanisms of proton acceleration in molecules by intense laser fields	The University of Tokyo YAMANOUCHI, Kaoru Professor Graduate School of Science	Sep. 14, 2009~ Sep. 13, 2011	Kanto Tokyo
MAHATA, P.  INDIA	Chemical Reactions and Properties of Encapsulated Complexes in the Pores of Coordination Networks	The University of Tokyo FUJITA, Makoto Professor Graduate School of Engineering	Nov. 29, 2009~ Nov. 28, 2011	Kanto Tokyo
MAITY, A. C.  INDIA	Bio-inspired Catalytic Oxygen Reduction with Iron Complexes including PCET Mechanism	Kyushu University NARUTA, Yoshinori Professor Institute for Materials Chemistry and Engineering	Nov. 1, 2009~ Oct. 31, 2011	Kyushu Fukuoka
MARINADO, T. M.  SWEDEN	Studies of interfacial properties of solid state Dye-sensitized solar cells and Hybrid solar cells	Shinshu University MORI, Shogo Associate Professor Faculty of Textile Science and Technology	Nov. 28, 2009~ Nov. 27, 2010	Chubu Nagano
MONDAL, J. A.  INDIA	Study of Ultrafast Dynamics at Interfaces Using Novel Nonlinear Spectroscopy	RIKEN TAHARA, Tahei Chief Scientist Molecular Spectroscopy Laboratory	May. 19, 2009~ May. 18, 2011	Kanto Saitama
MUNIAPPAN, S.  INDIA	Development of novel nanostructures based on non-planar porphyrins toward photo-functional materials	University of Tsukuba KOJIMA, Takahiko Associate Professor Graduate School of Engineering	Jul. 26, 2009~ Jul. 25, 2011	Kanto Ibaraki
MURUGADOSS, A.  INDIA	Development of bimetallic cluster catalyst directed toward the synthesis of aromatic compounds	National Institutes of Natural Sciences SAKURAI, Hidehiro Associate Professor Institute for Molecular Science	Nov. 1, 2009~ Oct. 31, 2011	Chubu Aichi
NGUYEN, T. P.  VIET NAM	Assessment of trans-boundary PCB contamination via congener level analysis in South-East Asia	Ehime University TAKEUCHI, Ichiro Professor Faculty of Agriculture	Oct. 1, 2009~ Sep. 30, 2011	Shikoku Ehime

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
PHIRIYAWIRUT, M.  THAILAND	Synthesis of itaconic acid derivatives and polymers toward development of new biobased materials	National Institute of Advanced Industrial Science and Technology AIBA, Seiichi Group Leader Bioproduction Research Institute Biological Substance Engineering Research Group	Apr. 1, 2010~ Mar. 31, 2011	Kanto Ibaraki
POLEC, I.  POLAND	Nano-studies of flow-induced polymer crystallization	Kyoto University KANAYA, Toshiji Professor Institute for Chemical Researcher	Jan. 12, 2010~ Jan. 11, 2012	Kinki Kyoto
QI, S.  CHINA	Synthesis and Application of Multi-Functional Helical Conjugated Polymers	Nagoya University YASHIMA, Eiji Professor Graduate School of Engineering	Nov. 10, 2009~ Nov. 9, 2011	Chubu Aichi
QIU, H.  CHINA	Ionic Liquid Analogue as Organic Stationary phase for Multi-mode HPLC	Kumamoto University IHARA, Hiroataka Professor Graduate School of Sciences and Technology	Nov. 30, 2009~ Nov. 29, 2011	Kyushu Kumamoto
RAMON, J. A.  SPAIN	Rapid and sensitive immunosensing based on dielectrophoresis and coulometric detection system	University of Hyogo MIZUTANI, Fumio Professor Graduate School of Material Science	May. 12, 2009~ May. 11, 2011	Kinki Hyogo
RENZETTI, A.  ITALY	Synthesis of new transition-metal complexes bearing heavier main-group element ligand and creation of new catalytic activity	Osaka City University NAKAZAWA, Hiroshi Professor Graduate School of Science	Oct. 1, 2009~ Nov. 30, 2010	Kinki Osaka
SHRIVAS, K. K.  INDIA	Nanoparticles/Quantum Dots Assisted Molecular Imaging Mass Spectrometry	Hamamatsu University School of Medicine SETOU, Mitsutoshi professor Department of Molecular Anatomy	Sep. 25, 2009~ Sep. 24, 2011	Chubu Shizuoka
SOBCZUK, A. A.  POLAND	Supra-macromolecular Chemistry	Sojo University SHINKAI, Seiji Professor Faculty of Engineering	Oct. 1, 2009~ Sep. 30, 2011	Kyushu Kumamoto

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
SOH, Y.-T.  SINGAPORE	Development of New Asymmetric Cycloaddition Reactions Catalyzed by Transition-Metal Complexes	Kyoto University HAYASHI, Tamio Professor Graduate School of Science	Nov. 30, 2009~ Nov. 29, 2011	Kinki Kyoto
SONG, J.-W.  KOREA (REP. OF KOREA)	Development of accurate long-range corrected functionals for molecular systems and condensed phases	The University of Tokyo YAMASHITA, Koichi Professor School of Engineering	Apr. 15, 2009~ Apr. 14, 2011	Kanto Tokyo
SUISSE, J.-M.  FRANCE	Liquid-crystalline semiconductors with specific intermolecular interactions. Thin film devices	National Institute of Advanced Industrial Science and Technology SHIMIZU, Yo Group Leader Research Institute for Ubiquitous Energy Devices, Synthetic Nano-Function Materials Group	Nov. 2, 2009~ Nov. 1, 2010	Kinki Osaka
SWAMI, A.  INDIA	Smart Field Emission Nano-electrodes through Block Copolymer Templating Process	Tokyo Institute of Technology IYODA, Tomokazu Professor Chemical Resources Laboratory	May. 1, 2010~ Apr. 30, 2012	Kanto Kanagawa
TEMLEITNER, L.  HUNGARY	Understanding local structural order in materials for DVD and high performance battery technology	Japan Synchrotron Radiation Research Institute KOHARA, Shinji Assistant Senior Researcher Research & Utilization Division	Nov. 2, 2009~ Nov. 1, 2011	Kinki Hyogo
VAKAYIL, P. K.  INDIA	Development of one-dimensional magnetic and electronic nanomaterials via self-assembly	The University of Tokyo AIDA, Takuzo Professor Graduate School of Engineering	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tokyo
WALTER, C.  GERMANY	Cooperative Organocatalytic Asymmetric 1,2-Addition to Carbonyl Compounds using Borane Reagents	Kyoto University MARUOKA, Keiji Professor Graduate School of Science	Aug. 24, 2009~ Aug. 23, 2010	Kinki Kyoto
WANG, C.  CHINA	Development of Unique Bidentate Ligands for Ate Chemistry and Their Practical Applications	The University of Tokyo UCHIYAMA, Masanobu Professor Graduate School of Pharmaceutical Sciences	Sep. 1, 2009~ Aug. 31, 2011	Kanto Tokyo

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
WANG, Z.  CHINA	A Broadband Solar Energy Harvesting Device for Direct Water-Splitting	Kyoto University HIRAO, Kazuyuki Professor Graduate School of Engineering	Nov. 6, 2009~ Nov. 5, 2011	Kinki Kyoto
YOO, W.-J.  CANADA	Development of Novel Asymmetric Catalysis of Organosilanes with Carbonyl Compounds Using Lewis Base Catalysts	The University of Tokyo KOBAYASHI, Shu Professor Department of Chemistry, School of Science	Aug. 31, 2009~ Aug. 30, 2011	Kanto Tokyo
ZHANG, L.  CHINA	Utilization of cationic rare earth alkyls as catalysts in organic synthesis	RIKEN HOU, Zhaomin Chief Scientist Organometallic Chemistry Laboratory	Sep. 1, 2009~ Aug. 31, 2011	Kanto Saitama
ZHANG, W.  CHINA	Helical Supramolecular Bridged Phthalocyanine	Nara Institute of Science and Technology FUJIKI, Michiya Professor Graduate School of Materials Science	Apr. 20, 2009~ Apr. 19, 2011	Kinki Nara
ZHAO, Y.  CHINA	Piezoelectric Nanowire Arrays Fabrication toward High-Efficiency Nanogenerator	Tokyo Institute of Technology IYODA, Tomokazu Professor Chemical Resource Laboratory	May. 9, 2009~ May. 8, 2011	Kanto Kanagawa
ZHOU, S.  CHINA	Designing and preparing photonic function materials using structural changes by fs laser	Kyoto University HIRAO, Kazuyuki Professor Graduate School of Engineering	Jun. 1, 2009~ May. 31, 2011	Kinki Kyoto
ZHOU, Z.  CHINA	Development of New Boryl Substituents for Functional Organoboron Materials	Nagoya University YAMAGUCHI, Shigehiro Professor Graduate School of Science	Apr. 17, 2009~ Apr. 16, 2011	Chubu Aichi
ZHU, X.  CHINA	Construction of pi-conjugated system-based supramolecules and application to organoelectronics	The University of Tokyo NAKAMURA, Eiichi Professor Graduate School of Science	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tokyo