

FY2009

JSPS Postdoctoral Fellowship for Foreign Researcher

Field: **Engineering Sciences**

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 Economic Growth	Hosei University MORIMOTO, Nobuyuki Professor School of Economics	Nov. 1, 2005— Oct. 31, 2006	Kanto Tokyo

Region
Prefecture

Hokkaido
Hokkaido

Chubu
Aichi

Kanto
Tokyo

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
AHAD, M. R. BANGLADESH	Human Motion Recognition & Behavior Analysis by Computer	Kyushu Institute of Technology ISHIKAWA, Seiji Professor Faculty of Engineering	Nov. 24, 2009~ Nov. 23, 2011	Kyushu Fukuoka
AKHTER, M. S. BANGLADESH	Crop Parameters Assimilation using Information Technology and Remote Sensing Technology	Research Organization of Information and Systems AIDA, Kento Professor National Institute of Informatics	Oct. 1, 2009~ Sep. 30, 2011	Kanto Tokyo
AWAL, R. NEPAL	Prediction of sediment disasters caused by natural dam failure due to earthquake and global warming	Kyoto University FUJITA, Masaharu Professor Disaster Prevention Research Institute	Apr. 16, 2009~ Apr. 15, 2011	Kinki Kyoto
AZIMOV, U. B. UZBEKISTAN	Development of Novel Oscillating Fuel-swirling Air Mixing Strategy for Low-Temperature Combustion	Okayama University KAWAHARA, Nobuyuki Associate Professor Graduate School of Natural Science and Technology	Nov. 3, 2009~ Nov. 2, 2011	Chugoku Okayama
BARONE, G. ITALY	Stochastic wind analysis of multi-degree-of-freedom systems equipped with nonlinear viscous dampers	Tokyo Polytechnic University TAMURA, Yukio Professor Faculty of Engineering	Nov. 17, 2009~ Nov. 16, 2011	Kanto Kanagawa
BEGUM, F. BANGLADESH	Photonic Crystal Fibers for Supercontinuum Source in Optical Communication and Medical Applications	University of the Ryukyus NAMIHIRA, Yoshinori Professor Faculty of Engineering	Jul. 30, 2009~ Jul. 29, 2011	Okinawa Okinawa
BHUIYAN, A. G. BANGLADESH	Design and Fabrication of Novel InN-based High Efficiency Solar Cells	Fukui University YAMAMOTO, Akio Professor Graduate School of Engineering	Sep. 24, 2009~ Sep. 23, 2011	Chubu Fukui
BODENDORFER, M. A. SWITZERLAND	The localization and suppression of a microwave leak on the p10 ECR ion engine	Japan Aerospace Exploration Agency KUNINAKA, Hitoshi Professor Japan Aerospace Exploration Agency	Apr. 2, 2009~ Apr. 1, 2011	Kanto Kanagawa

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BUI, H. T. VIET NAM	Analysis of membrane damage in stressed E. coli cells and its application to food pasteurization	Kansai University TSUCHIDO, Tetsuaki Professor Faculty of Chemistry, Materials and Bioengineering	Nov. 1, 2009~ Oct. 31, 2011	Kinki Osaka
CHEN, H. CHINA	Development of Integrated Multi-scale Simulation System for Micro/Nanoscience	Tokyo Institute of Technology HAGIWARA, Ichiro Professor Graduate School of Science and Engineering	Aug. 13, 2009~ Aug. 12, 2011	Kanto Tokyo
CHEN, L. CHINA	Screening of Breast Cancer Stem Cell Bio-markers and Carcinoma Specific Molecular Targeting DDS	Okayama University SENO, Masaharu Professor Graduate School of Natural Science and Technology	Apr. 13, 2009~ Jun. 12, 2011	Chugoku Okayama
CHENTIR, M.-T. ALGERIA	Physical and Electrical Characterization of Mn-BFO, BFO-PZT and BZT-PZT Materials for New Generation Fe-RAM Capacitors	Tokyo Institute of Technology FUNAKUBO, Hiroshi Associate Professor Department of Innovative and Engineered Materials	Nov. 26, 2009~ Nov. 25, 2011	Kanto Kanagawa
CHO, J. KOREA (REP. OF KOREA)	Global Climate and Hydrological Cycle Simulations by Introducing in situ Stomatal Response Model	Kyushu University OTSUKI, Kyoichi Professor Faculty of Agriculture	Oct. 1, 2009~ Sep. 30, 2011	Kyushu Fukuoka
CHOI, J. KOREA (REP. OF KOREA)	Structural topology optimization of optical nanostructures using surface plasmons	Kyoto University NISHIWAKI, Shinji Professor Graduate School of Engineering	Oct. 17, 2009~ Oct. 16, 2011	Kinki Kyoto
CHOI, S. KOREA (REP. OF KOREA)	The development of high field insert coil using high-Tc superconductor for 30 T class NMR magnet	National Institute for Materials Science KIYOSHI, Tsukasa Group Leader Superconducting Materials Center	Oct. 31, 2009~ Oct. 30, 2011	Kanto Ibaraki
CHUNG, J. KOREA (REP. OF KOREA)	Development of Clinically Available MR Compatible Master-Slave Surgical Robot	Kyushu University HASHIZUME, Makoto Professor Faculty of Medical Sciences	Nov. 15, 2009~ Nov. 14, 2011	Kyushu Fukuoka

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DAS, S. C. BANGLADESH	Establishment of effective vegetation bio-shield for sustainable management of river bank and coast	Saitama University TANAKA, Norio Professor Graduate School of Science and Engineering	Apr. 10, 2009~ Apr. 9, 2011	Kanto Saitama
DAS, S. K. BANGLADESH	Synergistic anti-cancer effects of cordycepin and polysaccharides obtained from Cordyceps militaris	Fukui University SAKURAI, Akihiko Associate Professor Graduate School of Engineering	Nov. 24, 2009~ Nov. 23, 2011	Chubu Fukui
DAUNAY, B. FRANCE	Integrated Closed/Open Microfluidics for droplet control and manipulation	The University of Tokyo FUJITA, Hiroyuki Professor Institute of Industrial Science	Oct. 15, 2009~ Oct. 14, 2011	Kanto Tokyo
DENG, Z. CHINA	Study of Superconducting Tidal Turbine System	Tokyo University of Marine Science and Technology IZUMI, Mitsuru Professor Faculty of Marine Technology	Oct. 5, 2009~ Oct. 4, 2011	Kanto Tokyo
DOLL, C. N. UNITED KINGDOM	Global urban scaling laws: Towards defining a new urban geography	The University of Tokyo ONISHI, Takashi Professor School of Engineering	Oct. 1, 2009~ Sep. 30, 2011	Kanto Tokyo
DONG, J. CHINA	Construction of human antibody phage display library and development of novel diagnostic OS-IA chip	The University of Tokyo UEDA, Hiroshi Associate Professor	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tokyo
DU, G. CHINA	Plasmon enhanced magneto-optical properties in magnetic nanostructures	Tohoku University TAKAHASHI, Migaku Professor Graduate School of Engineering	Oct. 13, 2009~ Oct. 12, 2011	Tohoku Miyagi
DUNE, C. L. FRANCE	Active whole-body motion driven by visual search and manipulation for human robots	National Institute of Advanced Industrial Science and Technology YOSHIDA, Eiichi Leader, Cooperative Research Team Intelligent Systems Research Insititue	Jul. 4, 2009~ Jul. 3, 2011	Kanto Ibaraki

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ELAKNESWARAN, Y. SRI LANKA	Mass transport and alteration at cement-bentonite interface in radioactive waste disposal	Hokkaido University SATO, Tsutomu Associate Professor Graduate School of Engineering	Oct. 1, 2009~ Sep. 30, 2011	Hokkaido Hokkaido
ESTILI, M. IRAN	Multi-walled Carbon Nanotube Reinforced Ceramic Matrix Composites by Novel Powder Technology	Tohoku University KAWASAKI, Akira Professor Graduate School of Engineering	Oct. 1, 2009~ Apr. 30, 2011	Tohoku Miyagi
FAN, X. CHINA	Controlled metal contacts to graphene	Tohoku University TANIGAKI, Katsumi Professor WPI-Advanced Institute for Materials Research	Apr. 1, 2009~ Mar. 31, 2011	Tohoku Miyagi
FERRAS FONT, M. SPAIN	Local Speaker-Discriminative Feature Processing for Recognition Tasks	Tokyo Institute of Technology FURUI, Sadaoki Professor Graduate School of Information Science and Engineering	Nov. 14, 2009~ Nov. 13, 2010	Kanto Tokyo
GARINO, Y. ITALY	Development of novel high voltage prototype based on diamond p-n junction for high power application	National Institute for Materials Science KOIZUMI, Satoshi Senior Researcher Sensor Materials Center	Sep. 6, 2009~ Sep. 5, 2011	Kanto Ibaraki
GHOSH, G. C. BANGLADESH	Watershed risk management for antiviral drugs and antibiotics use under pandemic influenza condition	Kyoto University TANAKA, Hiroaki Professor Graduate School of Engineering	Oct. 5, 2009~ Oct. 4, 2011	Kinki Shiga
GU, X. CHINA	Search for new hydrogen storage materials	National Institute of Advanced Industrial Science and Technology XU, Qiang Senior Research Scientist Research Institute for Ubiquitous Energy Devices, Synthetic Nano-Function Group	Apr. 1, 2009~ Mar. 31, 2011	Kinki Osaka
HA, H. M. VIET NAM	Multifunctional optical sensor array platform based on nanostructures for biomolecules screening	Osaka University TAMIYA, Eiichi Professor Graduate School of Engineering	Apr. 1, 2009~ Feb. 23, 2010	Kinki Osaka

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HASSAN, M. CANADA	Development of a New Fault-Tolerant Hybrid Cable-Actuated Manipulator For Robot-Assisted Minimally-Invasive MRI-Guided Surgery	The University of Tokyo SAKUMA, Ichiro Professor Graduate School of Engineering	Jul. 28, 2009~ Jan. 13, 2010	Kanto Tokyo
IBRAHIM BAYOUMI, M. F.-D. EGYPT	Introducing GreenChip: Carbon nanotubes invade the plant cell wall and deliver DNA on a microdevice	Nagoya University BABA, Yoshinobu Professor Graduate School of Engineering	Sep. 27, 2009~ Sep. 26, 2011	Chubu Aichi
ISLAM, M. R. BANGLADESH	Development of a Pyrolysis System to Produce Alternative Liquid Fuels from Organic Solid wastes	Kitami Institute of Technology HANIU, Hiroyuki Professor Engineering	Jul. 3, 2009~ Jul. 2, 2011	Hokkaido Hokkaido
JAEGER, H. GERMANY	Re-valuing places and practices of Urban Resistance: the case of contemporary Tokyo	Hosei University JINNAI, Hidenobu Professor Faculty of Engineering & Design	Nov. 15, 2009~ Nov. 14, 2011	Kanto Tokyo
JAYAMANI, J. INDIA	Development of ultrahigh strength nanocrystalline Al alloys	National Institute for Materials Science HONO, Kazuhiro Fellow Magnetic Materials Center	May. 14, 2009~ May. 13, 2011	Kanto Ibaraki
JIANG, H.-L. CHINA	Search for high-performance hydrogen storage systems	National Institute of Advanced Industrial Science and Technology XU, Qiang Senior Research Scientist Research Institute for Ubiquitous Energy Devices, Synthetic Nano-Function Group	Sep. 1, 2009~ Aug. 31, 2011	Kinki Osaka
KAVASI, N. HUNGARY	Development of passive thoron progenies measuring unit	National Institute of Radiological Sciences ISHIKAWA, Tetsuo Senior Researcher Environmental Radiation Effects Research Group	Nov. 26, 2009~ Nov. 25, 2011	Kanto Chiba
KIM, C. KOREA (REP. OF KOREA)	Dimensionality and carrier-carrier interactions in clean quantum well and wire semiconductor lasers	The University of Tokyo AKIYAMA, Hidefumi Associate Professor Institute for Solid State Physics	Oct. 1, 2009~ Sep. 30, 2011	Kanto Chiba

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KRAIWATTANAWONG, K. THAILAND	Preparation of C-C composite with high mesoporosity for electric double layer capacitor	Kyoto University TAMON, Hajime Professor Graduate School of Engineering	Oct. 31, 2009~ Oct. 30, 2011	Kinki Kyoto
KRUUSEMENT, K. ESTONIA	Gasification of fossil and renewable fuels at different physicochemical conditions	Hiroshima University MATSUMURA, Yukihiro Professor Graduate School of Engineering	Jun. 14, 2009~ Jun. 13, 2010	Chugoku Hiroshima
LABERGE LEBEL, L. CANADA	Effect of Shellac Coating on Kenaf Fiber Reinforced Polypropylene Composite Manufactured by Means of the Microbraided Yarn Compression Molding	Kyoto Institute of Technology NAKAI, Asami Associate Professor Future-Applied conventional Technology center	Oct. 2, 2009~ Oct. 1, 2010	Kinki Kyoto
LARKIN, H. D. AUSTRALIA	Context-aware personalised service delivery for mobile devices	The University of Aizu COHEN, Michael Professor Graduate School of Computer Science and Engineering	Jul. 1, 2009~ Jun. 30, 2011	Tohoku Fukushima
LEE, J. KOREA (REP. OF KOREA)	Evaluation of human comfort and application to the environmental planning	Chiba University MIYAZAKI, Yoshifumi Professor	Sep. 1, 2009~ Aug. 31, 2011	Kanto Chiba
LEE, H. S. CANADA	Design of stimuli-responsive gene transfer agents based on nanocarriers loaded with a dendrimeric photosensitizer	The University of Tokyo KATAOKA, Kazunori Professor Graduate School of Engineering	Aug. 24, 2009~ Aug. 23, 2011	Kanto Tokyo
LENGAGNE, S. FRANCE	Real time generation of dynamical motion in acyclic multi-contact 3D motion with impacts	National Institute of Advanced Industrial Science and Technology YOSHIDA, Eiichi Leader of Cooperative Research Team Intelligent Systems Research Institute	Oct. 30, 2009~ Oct. 29, 2011	Kanto Ibaraki
LI, M. CHINA	Effect of lubricant on decompression and flow boiling process in transcritical CO2 heat pump cycle	The University of Tokyo DANG, Chaobin Assistant Professor	Apr. 1, 2009~ Mar. 31, 2011	Kanto Chiba

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LI, X. CHINA	Micro patterns fabrication using nano-pastes prepared by laser ablation in a liquid medium	National Institute of Advanced Industrial Science and Technology KOSHIZAKI, Naoto Leader Nanosystem Research Institute High Interface Area Nanostructure Group	Jul. 16, 2009~ Jul. 15, 2011	Kanto Ibaraki
LI, Z. CHINA	Biologically mediated fate and transport of heavy metals in soils	Kyoto University KATSUMI, Takeshi Professor Graduate School of Global Environmental Studies	Nov. 21, 2009~ Nov. 20, 2011	Kinki Kyoto
LIGNOS, D. GREECE	Evaluation of Seismic Capacity of High-Rise Buildings Subjected to Long-Period Earthquakes	Kyoto University NAKASHIMA, Masayoshi Professor Disaster Prevention Research Institute	Nov. 28, 2009~ May. 11, 2010	Kinki Kyoto
LIN, X. NEW ZEALAND	Develop an automated system for accurately harvesting and implanting follicular units	The University of Tokyo LIAO, Hongen Associate Professor Graduate School of Engineering	Oct. 13, 2009~ Oct. 12, 2011	Kanto Tokyo
LIOTTA, S.-J. A. ITALY	Development of System for Producing Complex Forms through the Use of Smart Materials and Japanese Traditional Pattern Design	The University of Tokyo KUMA, Kengo Professor Graduate School of Engineering	Nov. 3, 2009~ Nov. 2, 2011	Kanto Tokyo
LOHWACHARIN, J. THAILAND	Fate and transport of black carbon in aquatic environments	The University of Tokyo TAKIZAWA, Satoshi Professor Graduate School of Engineering	Nov. 30, 2009~ Nov. 29, 2011	Kanto Tokyo
MA, Y. CHINA	Development of NiMnGa Base High-temperature Shape Memory Alloys with Enhanced Ductility	Tohoku University Kainuma, Ryosuke Professor Materials Science	Nov. 28, 2009~ Mar. 27, 2011	Tohoku Miyagi
MACHMUDAH, S. INDONESIA	Laser Irradiation Assisted Thin Film Deposition in Supercritical Fluid	Kumamoto University GOTO, Motonobu Professor Bioelectronics Research Center	Apr. 1, 2009~ Mar. 31, 2011	Kyushu Kumamoto

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MAI, X. CHINA	Comparative study on public transportation strategies between Beijing and Nagoya	Nagoya University HAYASHI, Yoshitsugu Professor Graduate School of Environmental Studies	Apr. 30, 2009~ Apr. 29, 2011	Chubu Aichi
MD. HASANUZZAMAN BANGLADESH	Human-Robot Natural Interaction by Combining Gesture and Speech Commands	Research Organization of Information and Systems INAMURA, Tetsunari Associate Professor National Institute of Informatics	Nov. 25, 2009~ Nov. 24, 2011	Kanto Tokyo
MONTAGNE, K. P. FRANCE	Methodology for in vitro engineering of thick tissues supplied by a functional micro-vasculature	The University of Tokyo SAKAI, Yasuyuki Professor Institute of Industrial Science	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tokyo
MOORE, B. CANADA	Human-like Grasping and Manipulation on Robots	Advanced Telecommunications Research Institute International OZTOP, Erhan Vice - head Computational Neuroscience Laboratories	Aug. 30, 2009~ Aug. 29, 2011	Kinki Kyoto
MORI, T. MALAYSIA	The Development of a Chemical Evaluation System using Stable Human Blood Cells	Tokyo University of Agriculture and Technology MATSUNAGA, Tadashi Trustee Administration office	Apr. 1, 2009~ Mar. 31, 2010	Kanto Tokyo
MOUGENOT, C. J.-M. FRANCE	Explicit and implicit processes in product design	The University of Tokyo WATANABE, Katsumi Associate Professor Research Center for Advanced Science and Technology	Jun. 4, 2009~ Jun. 3, 2011	Kanto Tokyo
MUNIR, M. M. INDONESIA	Development of electrospinning for nanofiber production and their applications to electronic devices	Hiroshima University OKUYAMA, Kikuo Professor Graduate School of Engineering	Oct. 1, 2009~ Sep. 30, 2011	Chugoku Hiroshima
NAM, Y. KOREA (REP. OF KOREA)	Development of Heat Pump System optimizing Air-Solar-Ground Heat Source Network	The University of Tokyo KATO, Shinsuke Professor Institute of Industrial Science	Oct. 1, 2009~ Sep. 30, 2011	Kanto Tokyo

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NAVARATNARAJAH, S. SRI LANKA	Study on Technological and Social Approaches for Seismic Retrofit Promotion of Weak Masonry Houses	The University of Tokyo NAKANO, Yoshiaki Professor Institute of Industrial Science	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tokyo
NGUYEN, H. C. VIET NAM	Machine Learning from Multiple Graphs for Biological Prediction	Kyoto University MAMITSUKA, Hiroshi Professor Institute for Chemical Research	Nov. 1, 2009~ Oct. 31, 2011	Kinki Kyoto
NGUYEN, H. D. VIET NAM	nano materials for water treatment and circulation	National Institute for Materials Science EL-SAFETY, Sherif Senior Researcher Innovative Materials Engineering Laboratory	Nov. 1, 2009~ Oct. 31, 2011	Kanto Ibaraki
NGUYEN, T. X. VIET NAM	Barrier spit morphology changes caused by storms	Tohoku University TANAKA, Hitoshi Professor Graduate School of Engineering	Nov. 20, 2009~ Nov. 19, 2011	Tohoku Miyagi
NOMAN, N. BANGLADESH	Application of Self Adaptive Differential Evolution Algorithm for Large-scale Real-world Problems	The University of Tokyo IBA, Hitoshi Professor School of Engineering	Nov. 23, 2009~ Nov. 22, 2011	Kanto Tokyo
OGUNTIMHIN, I. I. NIGERIA	Selection and use of ornamental plants as potential bio-indicators of air pollution stress	Hiroshima University SAKUGAWA, Hiroshi Professor Graduate School of Biosphere Science	Apr. 1, 2009~ Mar. 31, 2011	Chugoku Hiroshima
ONG, Y. MALAYSIA	Hydrogen passivation effect on the Ge surface and interface states	The University of Tokyo FUKUTANI, Katsuyuki Professor Institute of Industrial Science	Nov. 23, 2009~ Nov. 22, 2011	Kanto Tokyo
OSAMA, E. M. PALESTINIAN TERRITORIES	Modeling of arsenic transport in permeable reactive barrier for biological treatment of groundwaters	Kyushu University SASAKI, Keiko Associate Professor Kyushu University	Apr. 1, 2009~ Mar. 31, 2011	Kyushu Fukuoka

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OZCELIK, C. TURKEY	Development of spatiotemporal model for monthly flows and runoff by GIS and remote sensing technique	The University of Tokyo OKI, Taikan Professor Institute of Industrial Science	Sep. 29, 2009~ Sep. 28, 2011	Kanto Tokyo
OZCIVAN, A. N. TURKEY	Research and Development of Tri-axial High Temperature Superconducting Cable	Tohoku University HAMAJIMA, Takataro Professor Graduate School of Engineering	Nov. 10, 2009~ Nov. 9, 2010	Tohoku Miyagi
PENG, C. CHINA	Sensing application of ultrahigh-Q photonic crystal nano-cavities	Kyoto University NODA, Susumu Professor Graduate school of Engineering	Nov. 10, 2009~ Nov. 9, 2011	Kinki Kyoto
PIERCONTI, J. M. ITALY	Shirai Seichi(1905-1983) and the Modern Architecture in Japan	The University of Tokyo OTA, Hiroshi Lecturer Istitute of Industrial Science	May. 1, 2009~ Apr. 30, 2011	Kanto Tokyo
PISSUWAN, D. THAILAND	Treatment of infection disease of Toxoplasma gondii using drugs-coated gold nanoparticles	Kyushu University NIIDOME, Takuro Associate Professor Faculty of Engineering	Jul. 4, 2009~ Jul. 3, 2011	Kyushu Fukuoka
PLOC, O. CZECH	Theoretical and experimental aspects of calibration of active detectors in mixed radiation fields	National Institute of Radiological Sciences UCHIHORI, Yukio Head Fundamental Technology Center	Nov. 6, 2009~ Nov. 5, 2010	Kanto Chiba
PRATT, A. UNITED KINGDOM	A Spin-polarised Study of Magnetic Thin Films	National Institute for Materials Science YAMAUCHI, Yasushi Group Leader Quantum Beam Center	Sep. 28, 2009~ Dec. 23, 2010	Kanto Ibaraki
RAHMAN, M.-U. BANGLADESH	Exploration of sustainable Arsenic-free water resources in deep aquifers of Bangladesh	Tohoku University MANO, Akira Professor Graduate school of Engineering	Nov. 20, 2009~ Nov. 19, 2011	Tohoku Miyagi

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RAHMAN, M. H. BANGLADESH	High-Performance Optical Network for Massively Parallel Computer Systems	Japan Advanced Institute of Science and Technology Inoguchi, Yasushi Associate Professor Center for Information Science	Jun. 30, 2009~ Jun. 29, 2011	Chubu Ishikawa
RAHMAN, S. M. BANGLADESH	Pick-Up Optimization of Bone-Conductive Vibration and Quality Improvement of Bone-Conductive Speech	Saitama University SHIMAMURA, Tetsuya Professor Graduate School of Science and Engineering	Oct. 4, 2009~ Oct. 3, 2011	Kanto Saitama
RANGAPPA, D. INDIA	Application of supercritical fluid process for the production of lithium ion battery electrodes	Tohoku University HOMMA, Itaru Professor Institute of Multidisciplinary Research for Advanced Materials	Apr. 1, 2009~ Mar. 31, 2011	Tohoku Miyagi
RATHNAYAKA MUDIYANSELAGE, T. D. SRI LANKA	Development of Transition Edge Sensor microcalorimeters for Positron Annihilation Spectroscopy	The University of Tokyo TAKAHASHI, Hiroyuki Professor Graduate School of Engineering	Oct. 1, 2009~ Sep. 30, 2011	Kanto Tokyo
REALINI, E. ITALY	Ubiquitous computing in the Geographic Web: open source location-based Web Processing Services (WPS)	Osaka City University RAGHAVAN, Venkatesh Professor Graduate School for Creative Cities, Media Center	Sep. 1, 2009~ Aug. 31, 2011	Kinki Osaka
ROH, S.-G. KOREA (REP. OF KOREA)	Development of Mobile Robot for Critical Environment with Casting Hook	Tokyo Institute of Technology HIROSE, Shigeo Professor Graduate School of Science and Technology	Sep. 30, 2009~ Sep. 30, 2011	Kanto Tokyo
SADALE, S. B. INDIA	Ultrafast hydrogen production by gas-phase photocatalytic decomposition on metal oxide nanostructure	Kyoto University MATSUSHIGE, Kazumi Professor Graduate School of Engineering	Apr. 2, 2009~ Apr. 1, 2011	Kinki Kyoto
SAHOO, G. INDIA	Advanced Characterization and Control of Corrosion Products for Long-Term Use of Steel	Tohoku University SUZUKI, Shigeru Professor Institute of Multidisciplinary Research for Advanced Materials	Nov. 19, 2009~ Nov. 18, 2011	Tohoku Miyagi

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SHAFIQUZZAMAN, M. BANGLADESH	Development of sustainable water supply technology in arsenic contaminated region	Ritsumeikan University NAKAJIMA, Jun Professor colleg of Science and Engineering	Apr. 1, 2009~ Mar. 31, 2011	Kinki Shiga
SILVERSTON, T. FRANCE	Content Networking, Peer-to-peer, IPTV, Pub/Sub architectures, measurements, users' behavior	The University of Tokyo EZAKI, Hiroshi Professor Graduate School of Information Science and Technology	Oct. 28, 2009~ Oct. 27, 2011	Kanto Tokyo
SINGH, R. K. INDIA	Creation and Control of Singular Optical Fields	The University of Electro-Communications TAKEDA, Mitsuo Professor Faculty of Electro-Communications	Aug. 19, 2009~ Aug. 18, 2011	Kanto Tokyo
SIVAKUMAR, T. INDIA	Structural tuning for novel layered perovskites with multiferroicity by soft chemical route	Tokyo Institute of Technology ITOH, Mitsuru professor Materials and Structures Laboratory	Jul. 15, 2009~ Jul. 14, 2011	Kanto Kanagawa
SUBRAMANIAM, Y. INDIA	Development of High Performance Thermal Barrier Composite Coating by Gas Tunnel Type Plasma Spraying	Osaka University KOBAYASHI, Akira Associate Professor Joining and Welding Research Institute	Nov. 25, 2009~ Nov. 24, 2011	Kinki Osaka
SUHARYADI, E. INDONESIA	Research on Magnetic MEMS Devices Using Tunneling Magneto-Resistance (TMR) Microsensors	Nagoya University IWATA, Satoshi Professor Graduate school of Engineering	May. 11, 2009~ May. 10, 2011	Chubu Aichi
SURYANTO, B. INDONESIA	Integrated Material Design and Application of FRCC as an Innovative Construction Material	The University of Tokyo MAEKAWA, Koichi Professor School of Engineering	Oct. 1, 2009~ Sep. 30, 2011	Kanto Tokyo
SWAI, O. A. TANZANIA	Bio-Architectural Designs for Symbiotic Neighborhoods in African Mega Cities	Kyushu University DEGUCHI, Atsushi Professor Faculty of Human-Environment Studies	Sep. 1, 2009~ Aug. 31, 2011	Kyushu Fukuoka

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SWAIN, B. INDIA	Recovery of rare earth metals from scrap luminophore tubes by non-dispersive solvent extraction	National Institute of Advanced Industrial Science and Technology TANAKA, Mikiya Group Leader Metals Recycling Group, Research Institute for Environmental Management Technology	Apr. 1, 2009~ Feb. 28, 2010	Kanto Ibaraki
TANG, F. CHINA	Research on large-scale mobile wireless mesh sensor networks	The University of Aizu GUO, Song Professor	Jun. 14, 2009~ Jun. 13, 2011	Tohoku Fukushima
TENNE, Y. AUSTRALIA	Developing frameworks for high-dimensional model-assisted engineering design optimization with computer simulations	Kyoto University NISHIWAKI, Shinji Professor College of Engineering	Oct. 15, 2009~ Oct. 14, 2011	Kinki Kyoto
TIWARI, A. INDIA	Self-assembled zipper nanobioreactors with selective reversed biosensor responses	National Institute for Materials Science KOBAYASHI, Hisatoshi Group Leader Biomaterials center	Nov. 1, 2009~ Oct. 31, 2011	Kanto Ibaraki
TO, K. VIET NAM	Sustainable Compact City Model for East Asian Expanding Cities Based on Traditional Living Culture	Kyushu University DEGUCHI, Atsushi Professor Faculty of Human-Environment Studies	Apr. 1, 2009~ Mar. 31, 2011	Kyushu Fukuoka
VENKATACHALAM, S. INDIA	Preparation and characterization of high efficient, flexible dye-sensitized solar cells	National Institute of Advanced Industrial Science and Technology EBINA, Takeo Team Lader Research Center for Compact Chemical System, Advanced Functional Materials Team	May. 1, 2009~ Apr. 30, 2011	Tohoku Miyagi
WAHYUDIONO INDONESIA	Preparation of Nano-sized Biocomposites with Hydrothermal and Electrospinning in Supercritical CO2	Kumamoto University SASAKI, Mitsuru Associate Professor Graduate School of Science and Technology	Oct. 1, 2009~ Sep. 30, 2011	Kyushu Kumamoto
WANG, B. CHINA	Studies of community detection algorithms and epidemic control on networks with communities	The University of Tokyo SUZUKI, Hideyuki Associate Professor Institute of Industrial Science	Nov. 9, 2009~ Nov. 8, 2011	Kanto Tokyo

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WANG, C. CHINA	3D Integration with Nanometer-scale High-precision Alignment	The University of Tokyo SUGA, Tadatomo Professor School of Engineering	Aug. 1, 2009~ Jul. 31, 2011	Kanto Tokyo
WANG, K. CHINA	Structural and optical properties of InN and related alloys grown by molecular beam epitaxy	Ritsumeikan University NANISHI, Yasushi Professor	Oct. 14, 2009~ Oct. 13, 2011	Kinki Shiga
WANG, K. CHINA	A Novel Snake-like Robot Based on Multi-Bionic Principles for Earthquake Rescue	Ritsumeikan University MA, Shugen Professor Science and Engineering	Jul. 9, 2009~ Jul. 8, 2011	Kinki Shiga
WANG, L. CHINA	Rational design and synthesis of mesoporous Pt-based alloys with hierarchical pore system	National Institute for Materials Science YAMAUCHI, Yusuke Independent Scientist World Premier International (WPI) Research Center for Materials Nanoarchitectonics (MANA)	Oct. 6, 2009~ Oct. 5, 2011	Kanto Ibaraki
WANG, Y. CHINA	Thermal Effects on Gap Characteristics of Magnetoelastoelectric Band Gap Materials	Tokyo Institute of Technology KISHIMOTO, Kikuo Professor Graduate School of Science and Engineering	Nov. 9, 2009~ Nov. 8, 2011	Kanto Tokyo
WANG, Y. CHINA	Tunable photonic devices on a silicon chip	Tohoku University HANE, Kazuhiro professor Graduate School of Engineering	Apr. 1, 2009~ Mar. 31, 2011	Tohoku Miyagi
WATMAN, D. J. AUSTRALIA	Biologically Inspired Multimodal Sensing for Micro Aerial Vehicles	The University of Tokyo MURAYAMA, Hideaki associate professor School of Engineering	Sep. 7, 2009~ Sep. 6, 2011	Kanto Tokyo
XIAO, S. CHINA	Simulation of Snoek Relaxation in Beta-type Ti alloys with MD and KMC Method	National Institute for Materials Science YIN, Fuxing Chief Researcher Innovative Materials Engineering Laboratory	Apr. 22, 2009~ Apr. 21, 2011	Kanto Ibaraki

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2009 Engineering Sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
YAN, Y. CHINA	Fundamental Properties and Hydrogen Storage Functions of Metal Borohydrides	Tohoku University ORIMO, Shin-ichi Professor Institute for Materials Research	Sep. 1, 2009~ Aug. 31, 2011	Tohoku Miyagi
YANG, F. CHINA	Perpendicularly polarized spin injection and control of spin current using L10-FePt ordered alloy	Tohoku University TAKANASHI, Koki Professor Institute for Materials Research	Nov. 4, 2009~ Nov. 3, 2011	Tohoku Miyagi
YANG, H. CHINA	Fabrication of Strained Ge-On-Insulator Substrate using Local Ge Condensation by Oxidation	Kyushu University NAKASHIMA, Hiroshi Professor Art, Science and Technology Center for Cooperative Research	Oct. 1, 2009~ Sep. 30, 2011	Kyushu Fukuoka
YI, H. CHINA	Research on development and town design of sustainable residential areas in Japan	Fukui University NOJIMA, Shinji Professor Department of Engineering	Apr. 10, 2009~ Apr. 9, 2011	Chubu Fukui
YIM, K. CANADA	Healthy Housing: Study of light-weighted Kenaf Silica Gel Paper Wall to regulate indoor moisture and VOCs	The University of Tokyo FUJII, Akira Professor Institute of Industrial Science	Sep. 1, 2009~ Jun. 30, 2010	Kanto Tokyo
ZAFARMAND, S. IRAN	Analysis of Product Subjective Sustainability through Kansei Engineering Approach	Chiba University AOKI, Hiroyuki Professor Graduate School of Engineering	Apr. 1, 2009~ Mar. 31, 2011	Kanto Chiba
ZENG, H. CHINA	A new 2-dimensional crystal: fabrication and in-situ electronics of single-atom-layer BN nanosheets	National Institute for Materials Science BANDO, Yoshio Chief Operating Officer International Center for Materials Nanoarchitectnics	Oct. 1, 2009~ Sep. 30, 2011	Kanto Ibaraki
ZHAO, H. CHINA	Nano-Au, Ag catalysts supported on mesoporous silica and the catalysis for alkane partial oxidation	Tokyo Institute of Technology TATSUMI, Takashi Professor Chemical Resources Laboratory	Jul. 30, 2009~ Jul. 29, 2011	Kanto Kanagawa

