

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2015 Chemistry

| Name(Nationality) | Research Subject | Host Institute Host Researcher | Period | Region Prefecture |
|--------------------------------------|--|---|---------------------------------|----------------------|
| ADHIKARI, B. INDIA | Designable Stimuli-Responsive Luminescent Nanofibers for Biological Application | Chiba University YAGAI, Shiki Associate Professor Graduate School of Engineering | May. 30, 2015~ May. 29, 2017 | Kanto Chiba |
| ARPUTHARAJ, J. N. INDIA | Alveolar bone regeneration via laser-assisted cell stimulation and cytokine-apatite co-precipitation | National Institute of Advanced Industrial Science and Technology OYANE, Ayako Senior Researcher Nanomaterials Research Institute, Nanoparticle structural design group | Nov. 19, 2015~ Nov. 18, 2017 | Kanto Ibaraki |
| AU, K. UNITED KINGDOM | Dynamic Control of Donor/Acceptor Molecular Arrangements in Flexible Porous Crystals | The University of Tokyo SATO, Hiroshi Lecturer School of Engineering | Sep. 24, 2015~ Sep. 23, 2017 | Kanto Tokyo |
| BARALLE, A. N. FRANCE | Efficient and tailor-made synthesis of indoles directly from anilines | Kyoto University YORIMITSU, Hideki Associate Professor Graduate School of Science | Apr. 1, 2015~ Mar. 31, 2017 | Kinki Kyoto |
| BORAH, P. INDIA | Development of supported chiral catalysts for continuous flow total syntheses of bioactive compounds | The University of Tokyo KOBAYASHI, Shu Professor Graduate School of Science | Sep. 1, 2015~ Aug. 31, 2017 | Kanto Tokyo |
| BOSE, M. INDIA | Synthesis and Reactions of Dinuclear Nickel-Iron Complexes Modeling the Hydrogenase Active Site | Nagoya University TATSUMI, Kazuyuki Designated Professor Research Center for Materials Science | Apr. 1, 2015~ Mar. 31, 2017 | Chubu Aichi |
| CAMERON, J. M. UNITED KINGDOM | Construction of extended frameworks employing a customisable polyoxovanadate secondary building unit | University of Tsukuba OSHIO, Hiroki Professor Faculty of Pure and Applied Sciences | Aug. 22, 2015~ Aug. 21, 2017 | Kanto Ibaraki |
| CUI, K. CHINA | Analysis of the mechanism of deformation and fracture of tough double-network gels | Hokkaido University GONG, Jian ping Professor Faculty of Advanced Life Science | Nov. 7, 2015~ Nov. 6, 2017 | Hokkaido Hokkaido |

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| DALAPATI, S. INDIA | Molecular Design and Functional Exploration of Novel Topology Covalent Organic Frameworks | National Institutes of Natural Sciences JIANG, Dong-lin Associate Professor Institute for Molecular Science | Apr. 1, 2015~ Mar. 31, 2017 | Chubu Aichi |
| DENIS ROMERO, F. BELGIUM | Low-temperature synthesis of new functional oxides and their structural and physical properties | Kyoto University SHIMAKAWA, Yuichi Professor Institute for Chemical Research | Jul. 30, 2015~ Jul. 29, 2017 | Kinki Kyoto |
| FOUQUET, T. N. FRANCE | Understanding the degradation of functional polymers by mass spectrometry and allied techniques. | National Institute of Advanced Industrial Science and Technology SATO, Hiroaki Group Leader Environmental Management Research Institute, Environmental Measurement Technology Group | Oct. 15, 2015~ Oct. 14, 2017 | Kanto Ibaraki |
| GRZYBOWSKI, M. G. POLAND | Organophosphorus fluorophores as fluorescent probes for bioimaging | Nagoya University YAMAGUCHI, Shigehiro Professor Institute of Transformative Bio-Molecules (ITbM) | Aug. 3, 2015~ Aug. 2, 2017 | Chubu Aichi |
| GUPTA, R. K. INDIA | Development of new metal complex systems for realizing efficient photon upconversion | Kyushu University KIMIZUKA, Nobuo Professor Faculty of Engineering | Nov. 6, 2015~ Nov. 5, 2017 | Kyushu Fukuoka |
| HAQUE, M. A. BANGLADESH | Design of Anisotropic Superconductor and Solar Generated Energy Source Based on Lamellar Hydrogel | Hokkaido University GONG, Jian ping Professor Faculty of Advanced Life Science | Oct. 6, 2015~ Oct. 5, 2017 | Hokkaido Hokkaido |
| JANA, S. INDIA | Single-molecule vibration spectroscopy of photosynthetic proteins | Tohoku University SHIBATA, Yutaka associate professor Graduate School of Science | Sep. 10, 2015~ Sep. 9, 2017 | Tohoku Miyagi |
| JI, X. CHINA | Precise Synthesis of 2D Polymers | The University of Tokyo AIDA, Takuzo Professor Graduate School of Engineering | Sep. 29, 2015~ Sep. 28, 2017 | Kanto Tokyo |

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| KAR, C. INDIA | Design, synthesis, and application of complex-type water soluble fluorescent ion imaging probes | Keio University SUZUKI, Koji Professor Faculty of Science and Technology | Apr. 25, 2015~ Apr. 24, 2017 | Kanto Kanagawa |
| KARIM, M. R. BANGLADESH | Graphene oxide hybrids for multicomponent in energy related application | Kumamoto University HAYAMI, Shinya Professor Graduate School of Science and Technology | Nov. 27, 2015~ Nov. 26, 2017 | Kyushu Kumamoto |
| KARLSSON, C. SWEDEN | All-organic solid state batteries: Investigating polymer electrolytes with redox polymer electrodes | Waseda University NISHIDE, Hiroyuki Professor Graduate School of Advanced Science and Engineering | Nov. 30, 2015~ Nov. 29, 2017 | Kanto Tokyo |
| KIM, Y. KOREA (REP. OF KOREA) | The spatiotemporal control of self-oscillating gel by uniformly aligned inorganic nano sheets | The University of Tokyo YOSHIDA, Ryo Professor School of Engineering | Apr. 1, 2015~ Mar. 31, 2017 | Kanto Tokyo |
| KUMAR, P. INDIA | Probing Ultrafast Structure Evolution through Time-Resolved Impulsive Stimulated Raman Spectroscopy | RIKEN TAHARA, Tahei Chief Scientist Molecular Spectroscopy Laboratory | Nov. 16, 2015~ Nov. 15, 2017 | Kanto Saitama |
| LEE, J. KOREA (REP. OF KOREA) | Calix[4]arene-Based Supramolecular Self-assembly and Structural Analysis with SPRing-8 | The University of Kitakyushu SAKURAI, Kazuo Professor Graduate School of Environmental Engineering | Oct. 9, 2015~ Oct. 8, 2017 | Kyushu Fukuoka |
| LI, G CHINA | Metal nanoparticle/PCP hybrid materials for hydrogen storage and catalysis | Kyoto University KITAGAWA, Hiroshi Professor Graduate School of Science | Apr. 1, 2015~ Mar. 31, 2017 | |
| MARQUES GONZALEZ, S. SPAIN | Understanding structural factors in molecular junctions, towards a conformational transistor | Tokyo Institute of Technology KIGUCHI, Manabu Professor Graduate School of Science and Engineering | Sep. 14, 2015~ Sep. 13, 2017 | Kanto Tokyo |

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| MATEJDES, M. SLOVAKIA | Photofunctionalities of nanosheets and nanosheet based materials: tuning their optical properties | Yamaguchi University KAWAMATA, Jun Professor Graduate School of Medicine | Jun. 8, 2015~ Jun. 7, 2017 | Chugoku Yamaguchi |
| NAGARKAR, S. S. INDIA | Design of Responsive Crystalline Ion Conductors to External Stimuli and Environment | Kyoto University KITAGAWA, Susumu Professor Institute for Integrated Cell-Material Sciences | Jul. 18, 2015~ Jul. 17, 2017 | Kinki Kyoto |
| OBEXER, R. J. ITALY | New strategies for devising macrocyclic peptides with improved drug properties | The University of Tokyo SUGA, Hiroaki Professor Graduate School of Science | Oct. 1, 2015~ Sep. 30, 2017 | Kanto Tokyo |
| PAN, S. CHINA | Development of Polymer-Supported Ubiquitous Metal Catalysts for Aqueous Flow Organic Transformations | National Institutes of Natural Sciences UOZUMI, Yasuhiro Professor Institute for Molecular Science | Apr. 1, 2015~ Mar. 31, 2017 | Chubu Aichi |
| PARKER, H. UNITED KINGDOM | Novel Bio-Derived Materials for Sustainable & Scalable Separation of Critical Metals from Waste | National Institute for Materials Science EL-SAFETY, Sherif Chief Researcher Materials Recycling Design Group, Research Center for Strategic Materials | Nov. 6, 2015~ Nov. 5, 2017 | Kanto Ibaraki |
| QUAZI, T. BANGLADESH | Fabrication of gene-stimulating magnetic nanospheres and application to angiogenesis therapy | National Institute of Advanced Industrial Science and Technology OYANE, Ayako Senior Researcher Nanomaterials Research Institute, Nanoparticle Structural Design Group | Apr. 1, 2015~ Mar. 31, 2017 | Kanto Ibaraki |
| QUINSAAT, J. Q. PHILIPPINES | The stabilization of silver nanoparticles by micelle-forming cyclic block copolymers | Hokkaido University YAMAMOTO, Takuya Professor Graduate School of Engineering | Sep. 30, 2015~ Sep. 29, 2017 | Kanto Tokyo |
| RODE, A. B. INDIA | Development of tunable aptamers derived from natural riboswitches for making genetic control devices | Konan University SUGIMOTO, Naoki Professor Frontier Institute for Biomolecular Engineering Research | Oct. 1, 2015~ Sep. 30, 2017 | Kinki Hyogo |

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| TABA, F. AUSTRALIA | Synthesis of porphyrins that complex to proteins that alter protein-protein interactions & hence cell signals | Osaka University HAYASHI, Takashi Professor Graduate School of Engineering | May. 25, 2015~ Nov. 24, 2016 | Kinki Osaka |
| TSAI, C.-F. TAIWAN | Large-scale phosphorylation stoichiometry measurement by quantitative phosphoproteomics | Kyoto University ISHIHAMA, Yasushi Professor Graduate School of Pharmaceutical Sciences | Nov. 30, 2015~ Nov. 29, 2017 | Kinki Kyoto |
| VALVERDE-MURILLO, E. SPAIN | DEVELOPMENT OF DIRECT METHODS FOR THE PREPARATION OF OPTICALLY ACTIVE TRIFLUOROMETHYLATED COMPOUNDS | RIKEN SODEOKA, Mikiko Chief Scientist Synthetic Organic Chemistry Laboratory | Nov. 9, 2015~ Nov. 8, 2017 | Kanto Saitama |
| WANG, Z. CHINA | Developing new synthetic strategies of carbon-based non-precious metal electrocatalysts for energy conversion | National Institute for Materials Science YAMAUCHI, Yusuke Independent scientist International Center for Materials Nanoarchitectonics(MANA) | Nov. 24, 2015~ Nov. 23, 2017 | Kanto Ibaraki |
| WANG, W.-G. CHINA | Structure-Function Analysis of Enzymes Involved in Complex Natural Product Biosynthesis | The University of Tokyo ABE, Ikuro Professor Graduate School of Pharmaceutical Sciences | Nov. 25, 2015~ Nov. 24, 2017 | Kanto Tokyo |
| WELKE, K. GERMANY | Implementing and applying novel strategies to enable efficient quantum-mechanical simulations of large systems | Nagoya University IRLE, Stephan Professor Institute of Transformative Bio-Molecules (WPI-ITbM) | Nov. 1, 2015~ Apr. 30, 2017 | Chubu Aichi |
| ZHANG, J. CHINA | Development of novel carbon material using ionic liquids as precursor | Yokohama National University WATANABE, Masayoshi Professor Faculty of Engineering | Oct. 26, 2015~ Oct. 25, 2017 | Kanto Kanagawa |
| ZHU, M. CHINA | High Performance Plasmon Enhanced Electrocatalytic Oxidation in Visible-Light Assisted Fuel Cell | Osaka University MAJIMA, Tetsuro Professor The Institute of Scientific and Industrial Research | Nov. 29, 2015~ Nov. 28, 2017 | Kinki Osaka |