

JSPS Postdoctoral Fellowship for Overseas Researcher

FY 2016 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
KANETI, Y. V. AUSTRALIA	From Metal-Organic Framework to Highly Nanoporous Composites for Superior Supercapacitor Electrodes	National Institute for Materials Science YAMAUCHI, Yusuke Independent Scientist, MANA, MANA	Sep 3, 2016~ Sep 2, 2018	Kanto Ibaraki
KHAN HIRA, M. BANGLADESH	Hierarchical control of surface anisotropy for high selective separation system	Kumamoto University IHARA, Hirotaka Professor Faculty of Advanced Science and Technology	Nov 8, 2016~ Nov 7, 2018	Kyushu Kumamoto
MALGRAS, V. CANADA	Novel Syntheses of Mesoporous Lead-Halide Perovskite Nanomaterials	National Institute for Materials Science YAMAUCHI, Yusuke Independent Scientist International Center of Materials Nanoarchitectonics (MANA)	Apr 1, 2016~ Mar 31, 2018	Kanto Ibaraki
YIM, J. C. CANADA	Dual Photo/CrossCoupling Catalysis with Organosulfone: Assembly of Chiral Multi-Substituted Methanes	Nagoya University CRUDDEN, Cathleen Visiting Professor Institute of Transformative Bio-Molecules	Jun 1, 2016~ May 31, 2018	Chubu Aichi
CHANG, K. CHINA	Design and Synthesis of Noble-Metal-Alternative Photo-catalysts for Solar Hydrogen Production	National Institute for Materials Science YE, Jinhua MANA Principal Investigator MANA	Apr 1, 2016~ Mar 31, 2018	Kanto Ibaraki
JIANG, Y. CHINA	Development of self-assembling switch-on Nano probes for cancer diagnosis and anticancer therapy	Kyoto University HAMACHI, Itaru Professor Graduate School of Engineering	May 22, 2016~ May 21, 2018	Kinki Kyoto
LEUNG, H. CHINA	Synthesis of Polyester Nanoparticles Using Microfluidic Process for Effective Delivery of Curcumin	Okinawa Institute of Science and Technology Graduate University SHEN, Amy Professor Micro/Bio/Nanofluidics Unit	Apr 30, 2016~ Apr 29, 2018	Okinawa Okinawa
LI, Y. CHINA	Synthesis and Applications of Mesoporous Metal Oxide/Nitride Based on Polymeric Micelle Assembly	National Institute for Materials Science ARIGA, Katsuhiko Principal Investigator WPI Research Center for Materials Nanoarchitectonics (MANA)	Sep 12, 2016~ Sep 11, 2018	Kanto Ibaraki

REN, X. CHINA	Explore the structure and application of metal doping ZnO nanoparticles	Kyoto University SAKAKI, Shigeyoshi Senior Research Fellow Fukui Institute for Fundamental Chemistry	Jun 18, 2016~ Jun 17, 2018	Kinki Kyoto
WANG, J. CHINA	Development of new rechargeable batteries with superconcentrated electrolytes	The University of Tokyo YAMADA, Atsuo Professor School of Engineering	Apr 1, 2016~ Mar 31, 2018	Kanto Tokyo
WANG, P. CHINA	Mechanism study: Multi-electron reduction of oxygen on CuO _x clusters in photocatalytic mineralization reactions	Hokkaido University OHTANI, Bunsyo Professor Institute for Catalysis	Nov 30, 2016~ Nov 29, 2018	Hokkaido Hokkaido
ZHANG, Y. CHINA	Development of multi-component peptide ligation method and application for photo affinity probes	Nagoya University BODE, Jeffrey visiting professor Institute of Transformative bio-Molecules	Oct 1, 2016~ Sep 30, 2018	Chubu Aichi
ZHOU, W. CHINA	C-C Bond Cleavage Reaction of Plant Biomass by Visible-Light / Transition-Metal Catalysts	Kyoto University MURAKAMI, Masahiro Professor Graduate School of Engineering	Sep 8, 2016~ Sep 7, 2018	Kinki Kyoto
ZHUANG, Y. CHINA	Changes in Aggregation of Polyimides with Microporosity under High Temperature & Pressure	Tokyo Institute of Technology ANDO, Shinji Professor School of Materials and Chemical Technology	Apr 1, 2016~ Mar 31, 2018	Kanto Tokyo
FABRY, D. C. GERMANY	Development of hybrid photocatalysts with metal complexes and semiconductor for CO ₂ reduction	Tokyo Institute of Technology ISHITANI, Osamu Professor School of Science	Oct 29, 2016~ Oct 28, 2018	Kanto Tokyo
GOETZE, S. A. GERMANY	Creating Chemical Tools that Enable Investigation and Identification of RNA G-Quadruplexes	Kyoto University UESUGI, Motonari Professor Institute for Integrated Cell-Material Sciences	Sep 30, 2016~ Sep 29, 2018	Kinki Kyoto
RIVADA WHEELAGHAN, O. SPAIN	Heterobimetallic Complexes and 2nd Coordination Sphere for Aerobic Catalysis and C-H Bond Activation	Okinawa Institute of Science and Technology Graduate University KHUSNUTDINOVA, Julia Assistant Professor Coordination Chemistry and Catalysis Unit	May 22, 2016~ Jul 21, 2018	Okinawa Okinawa

ALMOSNI, S. FRANCE	Fabrication, processing and characterization of perovskite solar cells. Study and optimization of their stability	The University of Tokyo SEGAWA, Hiroshi Professor Graduate School of Arts and Sciences	May 1, 2016~ Apr 30, 2018	Kanto Tokyo
BOUCHET, A. FRANCE	Chiral Recognition in Ionic Clusters of Amino acids, (CARIOCA)	Tokyo Institute of Technology FUJII, Masaaki Professor Institute of Innovative Research	Jun 27, 2016~ Jun 26, 2018	Kanto Kanagawa
VANEY, J. S. FRANCE	Evaluation of the potential of the magnetic eskebornite and spinel as thermoelectric materials	National Institute for Materials Science MORI, Takao Group Leader International Center for Materials Nanoarchitectonics (MANA)	May 8, 2016~ May 7, 2018	Kanto Ibaraki
CRAIG, G. A. UNITED KINGDOM	Multifunctional coordination frameworks with controlled guest release by physical stimuli	Kyoto University KITAGAWA, Susumu Professor Institute of Integrated Cell-Material Sciences	Aug 1, 2016~ Jul 31, 2018	Kinki Kyoto
MENG, W. UNITED KINGDOM	Chiral Metal-Organic Nanotubes with Large-pore Apertures	The University of Tokyo SATO, Hiroshi Lecturer School of Engineering	Nov 27, 2016~ Nov 26, 2018	Kanto Tokyo
PHANOPOULOS, A. UNITED KINGDOM	Hydroformylation and Tandem Hydroformylation/Hydrogenation by Ruthenium-Azatriphos Catalyst	The University of Tokyo NOZAKI, Kyoko Professor Graduate School of Engineering	Sep 13, 2016~ Sep 12, 2018	Kanto Tokyo
WEST, C. UNITED KINGDOM	Ultrafast photoemission spectroscopy of liquids using laser high harmonic generation	Kyoto University SUZUKI, Toshinori Professor Graduate School of Science	Jul 1, 2016~ Jun 30, 2018	Kinki Kyoto
GUNASEKAR, R. INDIA	Systematic chiral module synthesis by means of dehydrative asymmetric allylation and its application	Nagoya University KITAMURA, Masato Professor Graduate School of Pharmaceutical Sciences	Nov 30, 2016~ Nov 29, 2018	Chubu Aichi
KARAK, S. INDIA	Perovskite based 'plug and play' AC solar cell and high speed photodetector with ionic liquid	Nagoya University AWAGA, Kunio Professor Department of Chemistry	Apr 1, 2016~ Oct 31, 2016	Chubu Aichi

KUMAR, N. INDIA	Spontaneously blinking fluorescent labels for protein	Osaka University KIKUCHI, Kazuya Professor Graduate School of Engineering	Nov 8, 2016~ Nov 7, 2018	Kinki Osaka
KUMAR, P. INDIA	Control Conductivity of Porous Coordination Polymer (PCP) systems	Kyoto University SEKI, Shu Professor Graduate School of Engineering	Nov 10, 2016~ Nov 9, 2018	Kinki Kyoto
MADHU, R. INDIA	Heteroatom enriched graphene composite material from biomass as batteries cathodes	Fukuoka Institute of Technology MIYAMOTO, Nobuyoshi Associate Professor Faculty of Engineering	May 9, 2016~ May 8, 2018	Kyushu Fukuoka
MAINI, R. INDIA	Ribosomal Synthesis of Thiazole-Containing Cyclic Peptides	The University of Tokyo SUGA, Hiroaki Professor Graduate School of Science	Apr 1, 2016~ Mar 31, 2018	Kanto Tokyo
MAJHI, P. K. INDIA	Small Molecule Activation Reactions with Divalent Species of Heavier Group14 Elements	Kyoto University TOKITOH, Norihiro Professor Institute for Chemical Research	Oct 1, 2016~ Sep 30, 2018	Kinki Kyoto

INDIA				
PANKAJ,	Development of Photon-upconverting Ionic Liquid molecular systems	Kyushu University KIMIZUKA, Nobuo Professor Faculty of Engineering	Aug 17, 2016~ Aug 16, 2018	Kyushu Fukuoka
INDIA				
ROY, R.	Self-Assembly of Sequence-Controlled Helical Polymers and Its Application for Chiral Materials	Nagoya University YASHIMA, Eiji Professor Graduate School of Engineering	Oct 1, 2016~ Sep 30, 2018	Chubu Aichi
INDIA				
SAMANTA, R. C.	Development of new method for catalytic asymmetric electrophilic halogenations reactions	Chubu University YAMAMOTO, Hisashi Professor Institute of Science and Technology Research	Apr 1, 2016~ Mar 31, 2018	Chubu Aichi
INDIA				
SELVAM, K.	Development of effective photocatalysts for CO ₂ fixation with C-C bond formation	Nagoya University SAITO, Susumu Professor Graduate School of Science	Aug 1, 2016~ Jul 31, 2018	Chubu Aichi
INDIA				
BERNARDINI, G.	Generation of Future Energy enhanced by Electrochemical Techniques from Green Resources using POM and Ionic Liquids	Kochi University UEDA, Tadaharu Associate Professor Research and Education Faculty, Multidisciplinary Science Cluster	Jun 13, 2016~ Jun 12, 2018	Shikoku Kochi
ITALY				
FAVA, E.	Development of transition metal catalyzed transformations for the synthesis of Π -conjugated aromatic molecules via "aromatic methamorphosis"	Kyoto University YORIMITSU, Hideki Professor Graduate School of Science	Oct 19, 2016~ Oct 18, 2018	Kinki Kyoto
ITALY				
HONG, Y.	Atomic level analysis of carbon fiber using solid-state NMR	RIKEN NISHIYAMA, Yusuke Unit Leader Center for Life Science Technologies	Apr 1, 2016~ Mar 31, 2018	Kanto Kanagawa
KOREA (REP. OF KOREA)				
JEONG, Y.	Thin film transistor integrated with nanomaterials for flexible chemical sensor	National Institute for Materials Science WAKAYAMA, Yutaka Group leader International Center for Materials Nanoarchitectonics	Oct 1, 2016~ Sep 30, 2018	Kanto Ibaraki
KOREA (REP. OF KOREA)				
JUNG, S.	Living supramolecular polymerization and their application	National Institute for Materials Science TAKEUCHI, Masayuki Group Leader Research Center for Functional Materials	Apr 1, 2016~ Mar 31, 2018	Kanto Ibaraki

KOREA (REP. OF KOREA)				
LEE, J. KOREA (REP. OF KOREA)	Development of Novel Organic Semiconductors toward Highly Efficient Perovskite Solar Cells	Kyoto University WAKAMIYA, Atsushi Associate Professor Institute for Chemical Research	Sep 1, 2016~ Aug 31, 2018	Kinki Kyoto
VANTASIN, S. THAILAND	Plasmonics of graphene with nano-curvatures and its application in sensing systems	The University of Tokyo SHIMURA, Tsutomu Professor Institute of Industrial Science	Nov 29, 2016~ Nov 28, 2018	Kanto Tokyo
ORDINARIO, D. D. U.S.A.	Ultra-Flexible "Ionic E-Skin" for Direct Communication Between Biological Systems and Electronics	The University of Tokyo SOMEYA, Takao Professor School of Engineering	Nov 29, 2016~ Nov 28, 2018	Kanto Tokyo
WALEN, H. L. U.S.A.	Investigating optical properties of transition metal dichalcogenides at the atomic level	RIKEN KIM, Yousoo Chief Scientist Surface and Interface Science Laboratory	Sep 15, 2016~ Sep 14, 2018	Kanto Saitama