

JSPS Postdoctoral Fellowship for Overseas Researcher

FY 2018 Engineering sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
ALAM, S. B. BANGLADESH	Predictive diagnosis of children psychological disorders using spatiotemporal statistical model	University of Hyogo KOBASHI, Syoji Professor Graduate School of Engineering	Apr 1, 2018~ Mar 31, 2020	Kinki Hyogo
DAS, R. BANGLADESH	Controlled Synthesis and applications of nanocarbon materials beyond dimensions	Kyushu University AGO, Hiroki Professor Global Innovation Center	May 31, 2018~ May 30, 2020	Kyushu Fukuoka
TRENTIN GONCALVES, R. BRAZIL	Development of analysis method of vortex induced coupled response of floater-mooring system	The University of Tokyo SUZUKI, Hideyuki Professor Graduate School of Engineering	Nov 30, 2018~ Nov 29, 2020	Kanto Tokyo
HONG, S. CHINA	Development on efficient miniature flat heat pipes for high power electronic cooling	The University of Tokyo DANG, Chaobin Associate Professor Graduate School of Frontier Sciences	Jul 26, 2018~ Jul 25, 2020	Kanto Chiba
HONG, W. CHINA	Study of high-performance energy storage materials	National Institute of Advanced Industrial Science and Technology XU, Qiang Director, Laboratory Chemical Energy Materials Open Innovation Laboratory	Apr 1, 2018~ Mar 31, 2020	Kinki Kyoto
HU, S. CHINA	Control of coherent phonon transport in low dimensional materials	The University of Tokyo SHIOMI, Junichiro Professor School of Engineering	Aug 1, 2018~ Jul 31, 2020	Kanto Tokyo
LI, P. CHINA	Mathematical analysis of elastic wave control in phononic structures and acoustic metamaterials	Kyoto University BIWA, Shiro Professor Graduate School of Engineering	Jun 10, 2018~ Jun 9, 2020	Kinki Kyoto
QIN, Y. CHINA	Innovation and upgrading of bioenergy generation system for waste biomass to energy	Tohoku University LI, Yu-you Professor Graduate School of Engineering	Apr 1, 2018~ Mar 31, 2020	Tohoku Miyagi

XIANG, Y. CHINA	Seismic performance and design methodology of steel structures with LVEM-isolated floor	Kyoto University KOETAKA, Yuji Associate Professor Graduate school of Engineering	Jul 20, 2018~ Jul 19, 2020	Kinki Kyoto
XIONG, Q. CHINA	Interface Fracture in Dissimilar Nanostructures Induced by Ultrafast Laser Irradiation	Kyoto University KITAMURA, Takayuki Professor Graduate School of Engineering	Jun 1, 2018~ May 31, 2020	Kinki Kyoto
XU, J. CHINA	Development of novel near-infrared persistent phosphors for bio-imaging	Kyoto University TANABE, Setsuhisa Professor Graduate School of Human and Environmental Studies	Apr 1, 2018~ Mar 31, 2020	Kinki Kyoto
CUI, J. CHINA	An Investigation into the Controllable Fabrication of Super Graphene Covalent Network Structures	Tohoku University TOHMYOH, Hironori Associate Professor Graduate School of Engineering	Nov 18, 2018~ Nov 17, 2020	Tohoku Miyagi
HU, J. CHINA	Understanding electrical, thermal and structural performance of new membrane building integrated PVs	The University of Tokyo KAWAGUCHI, Ken'ichi professor Institute of Industrial Science	Sep 15, 2018~ Sep 14, 2020	Kanto Tokyo
LIU, F. CHINA	Fundamental Study and Optoelectronic Application of Defect-Free Low-Lead Perovskite Nanocrystals	The University of Electro-Communications SHEN, Qing Professor Graduate School of Informatics and Engineering	Oct 10, 2018~ Oct 9, 2020	Kanto Tokyo
SHUAI, J. CHINA	Control of Nanopores and Scattering Mechanisms to Develop Enhanced Thermoelectric Materials	National Institute for Materials Science MORI, Takao Principal Investigator International Center for Materials Nanoarchitectonics	Sep 1, 2018~ Aug 31, 2020	Kanto Ibaraki
SUN, N. CHINA	Trajectory Planning and Control for Underactuated Dual Collaborative Overhead Crane Systems	Okayama Prefectural University XIN, Xin Professor Faculty of Computer Science and Systems Engineering	Nov 1, 2018~ Oct 31, 2019	Chugoku Okayama
WANG, Y. CHINA	Evaluating bond performance of repaired concrete structures based on electrical analysis	The University of Tokyo NAGAI, Kohei Associate Professor Institute of Industrial Science	Oct 31, 2018~ Oct 30, 2020	Kanto Tokyo

WANG, Z. CHINA	Polymer micelles for photothermal/suicide gene cancer therapy coupled with checkpoint blockade	Kawasaki Institute of Industrial Promotion KATAOKA, Kazunori Director General Innovation Center of NanoMedicine	Nov 1, 2018~ Oct 31, 2020	Kanto Kanagawa
YE, T. CHINA	Pd-based rare-earth intermetallic nanoparticles for carbon-carbon cross-coupling reactions	Tokyo Institute of Technology HOSONO, Hideo Professor Institute of Innovative Research	Sep 1, 2018~ Aug 31, 2020	Kanto Kanagawa
ZHENG, M. CHINA	Electrically driven perpendicularly magnetized multiferroics for low-power spintronics	Nagoya University TANIYAMA, Tomoyasu Professor Graduate School of Science	Nov 27, 2018~ Nov 26, 2020	Chubu Aichi
ELREEDY, A. M. EGYPT	Carbon-metal nanocomposites for enhancement of biofuel production from waste activated sludge	Tokyo Institute of Technology FUJII, Manabu Specially Appointed Associate Professor School of Environment and Society	Apr 11, 2018~ Apr 10, 2020	Kanto Tokyo
FARAG, A. L. EGYPT	Magnetic Fractionation of Magnetic Nanoparticles for Optimal Performance in Biomedical applications	Kyushu University YOSHIDA, Takashi Associate Professor Faculty of Information Science and Electrical Engineering	Nov 1, 2018~ Oct 31, 2020	Kyushu Fukuoka
HAMMAM, A. M. EGYPT	Single-nanometer-scale graphene tunnel field effect transistors for ultra-low-power nanoelectronics	JAIST MIZUTA, Hiroshi Professor Graduate School of Advanced Science and Technology	Nov 27, 2018~ Nov 26, 2020	Chubu Ishikawa
AVIT, G. FRANCE	InGaN nanorod-based energy-harvesting/energy-saving devices/systems	Nagoya University AMANO, Hiroshi Professor Institute of Materials and Systems for Sustainability (IMaSS)	Nov 1, 2018~ Mar 31, 2020	Chubu Aichi
KUMAR, R. INDIA	Synthesis of 2D and 3D Novel-Carbon-Based Materials for the Application in Fuel Cells	Toyohashi University of Technology MATSUDA, Atsunori Professor Department of Electrical and Electronic Information Engineering	Jun 18, 2018~ Jun 17, 2020	Chubu Aichi
MEENAKSHI SUNDARAM, R. INDIA	Toward developing light CNT-Cu wire conductors with electrical performances rivaling Cu	National Institute of Advanced Industrial Science and Technology HATA, Kenji Director, Research Center CNT-Application Research Center	Apr 1, 2018~ Mar 31, 2020	Kanto Ibaraki

MUTHUSUBASH, K. INDIA	Analysis of PET images by deep learning for Alzheimer disease	Hiroshima University KURITA, Takio Professor Graduate School of Engineering	Jul 31, 2018~ Jul 30, 2020	Chugoku Hiroshima
PATHAK, S. M. INDIA	360 Degree Disaster Perception	The University of Tokyo ASAMA, Hajime Professor School of Engineering	Apr 1, 2018~ Mar 31, 2020	Kanto Tokyo
SANTHAKUMAR, S. INDIA	Area-specific gene delivery on apatite-coated 3D scaffold for vascularized muscle tissue engineering	National Institute of Advanced Industrial Science and Technology OYANE, Ayako Senior Researcher Nanomaterials Research Institute	Aug 1, 2018~ Jul 31, 2020	Kanto Ibaraki
SANYAL, J. INDIA	The impact of dams vis-a-vis climate and land use changes on hydrologic and geomorphic responses	Tokyo Institute of Technology KANAE, Shinjiro Professor School of Environment and Society	Jun 5, 2018~ Jun 4, 2020	Kanto Tokyo
THIYAGARAJAN, J. S. INDIA	Probabilistic based structural performance assessment by utilizing bridge dynamic monitoring data	Yokohama National University NISHIO, Mayuko Associate professor Institute of Urban Innovation	Apr 27, 2018~ Apr 26, 2020	Kanto Kanagawa
GOGOI, P. INDIA	Investigation of Optical Properties of 2D Materials Using Electron Energy Loss Spectroscopy	National Institute of Advanced Industrial Science and Technology SUENAGA, Kazutomo Prime Senior Researcher Nanomaterials Research Institute Electron Microscopy Group	Sep 6, 2018~ Sep 5, 2020	Kanto Ibaraki
NAIK, K. M. INDIA	Multifunctional Durable Nanostructured Redox Electrocatalysts on Conducting Titanium Oxide Support	Osaka Prefecture University INOUE, Hiroshi Professor Graduate School of Engineering	Oct 2, 2018~ Oct 1, 2020	Kinki Osaka
PATIL, A. M. INDIA	Creation of pseudocapacitive material complexed with graphene oxide for supercapacitor	Hirosaki University GUAN, Guoqing Professor Institute of Regional Innovation	Nov 13, 2018~ Nov 12, 2020	Tohoku Aomori
PAUL, B. INDIA	Development of heterogeneous Electrocatalysts towards reduction of carbon dioxide into green fuels	University of Tsukuba NAKAMURA, Junji Professor Faculty of Pure and Applied Sciences	Nov 8, 2018~ Nov 7, 2020	Kanto Ibaraki

SAHU, N. INDIA	Impact of Hydro-Power Plants and Climate Change on River Flow Regimes in the Himalaya Mountains	Kyoto University SAYAMA, Takahiro Associate Professor Disaster Prevention Research Institute	Nov 16, 2018~ Nov 15, 2020	Kinki Kyoto
SENGENI, A. INDIA	Mechanistic study on metal chalcogenides catalyzed water splitting for efficient hydrogen production	Waseda University NODA, Suguru Professor Faculty of Science and Engineering	Jan 14, 2019~ Jan 13, 2021	Kanto Tokyo
SHARMA, A. INDIA	Bandgap renormalization in suspended carbon nanotube devices	RIKEN KATO, Yuichiro Chief Scientist RIKEN Cluster for Pioneering Research	Nov 25, 2018~ Nov 24, 2020	Kanto Saitama
BAIDILLAH, M. R. INDONESIA	Establishment of early Lymphedema diagnosis and prediction by c-EIST and albumin transport model	Chiba University TAKEI, Masahiro Professor Graduate School of Engineering	Apr 1, 2018~ Mar 31, 2020	Kanto Chiba
GOMULYA, W. INDONESIA	Electrically driven laser by carbon nanotubes and photonic crystals	RIKEN KATO, Yuichiro Chief Scientist Nanoscale Quantum Photonics Laboratory, Cluster for Pioneering Research	Apr 1, 2018~ Dec 21, 2018	Kanto Saitama
DEI TOS, D. ITALY	Ballistic Capture Approach and its Application to Martian Moons eXploration (MMX)	Japan Aerospace Exploration Agency KAWAKATSU, Yasuhiro Professor Institute of Space and Astronautical Science	Feb 14, 2019~ Feb 13, 2021	Kanto Kanagawa
ADABIFIROOZJAEI, E. IRAN	Research for boundary between metals and Ceramics	National Institute for Materials Science SUZUKI, Tohru Group Leader Research Center for Functional Materials, Ceramics Processing Group	Sep 24, 2018~ Sep 23, 2020	Kanto Ibaraki
AHMADI, E. IRAN	Production of Titanium Metal Powder via Titanium Oxycarbonitride Prepared from Ilmenite	Hokkaido University SUZUKI, Ryosuke Professor Faculty of Engineering	Nov 5, 2018~ Nov 4, 2020	Hokkaido Hokkaido
CHO, Y. KOREA (REP. OF KOREA)	Measurements of electric field and polarization by electron holography with ultrahigh precision	Kyushu University MURAKAMI, Yasukazu Professor Faculty of Engineering	Apr 1, 2018~ Mar 31, 2020	Kyushu Fukuoka

KIM, B. KOREA (REP. OF KOREA)	Development of polymeric materials for mRNA stabilization and their application for in vivo delivery	The University of Tokyo MIYATA, Kanjiro Associate Professor Graduate School of Engineering	Apr 1, 2018~ Mar 31, 2020	Kanto Tokyo
KIM, G. KOREA (REP. OF KOREA)	3D nanostructured multiple plasmon electrodes for perovskite-based solar cells and x-ray detection	Toin University of Yokohama MIYASAKA, Tsutomu Professor Faculty of Biomedical Engineering	May 1, 2018~ Apr 30, 2020	Kanto Kanagawa
KIM, H. KOREA (REP. OF KOREA)	Ultra-high-performance Fiber-reinforced Concrete Improving Safety of Infrastructures	The University of Tokyo NOGUCHI, Takafumi Professor Graduate School of Engineering	Jun 1, 2018~ May 31, 2020	Kanto Tokyo
WOO, H. KOREA (REP. OF KOREA)	Development of A Driving Support System Based on Estimation of Personal Driving Characteristics	The University of Tokyo YAMASHITA, Atsushi Associate Professor School of Engineering	Apr 1, 2018~ Mar 31, 2020	Kanto Tokyo
KANG, T. KOREA (REP. OF KOREA)	Study on driftwood disaster with floods to make the hazard map and to plan the mitigation strategies	Kyoto University ONDA, Shinichiro Associate Professor Graduate School of Engineering	Nov 1, 2018~ Oct 31, 2020	Kinki Kyoto
TAN, H. MALAYSIA	Visible Light Triggered Z-scheme Overall Water Splitting based on Inorganic-Organic Semiconductor	Kyushu University ISHIHARA, Tatsumi Professor Faculty of Engineering	Nov 30, 2018~ Nov 29, 2020	Kyushu Fukuoka
VAN LOO, A. F. NETHERLANDS	Exploiting nonlinear oscillators for quantum information processing and measurement	RIKEN NAKAMURA, Yasunobu Team Leader RIKEN Center for Emergent Matter Science	Nov 29, 2018~ Nov 28, 2020	Kanto Saitama
KO, S. TAIWAN	THE CONNECTIONS AND ACCEPTANCE OF JAPANESE MODERNISM IN POSTWAR TAIWANESE ARCHITECTURE	Kyoto University TAJI, Takahiro associate professor Graduate School of Engineering	Apr 1, 2018~ Mar 31, 2020	Kinki Kyoto
LIN, T. TAIWAN	Robust terrestrial photovoltaics in space: High-efficiency radiation-resistant CIGS solar cells	Tokyo University of Science SUGIYAMA, Mutsumi Professor Department of Electrical Engineering	Oct 1, 2018~ Sep 30, 2020	Kanto Chiba

<p>TAI, Y.</p> <p>TAIWAN</p>	<p>Nanojet enhanced fiber sensor with dielectrophoretic concentration for rapid bacteria identification</p>	<p>The University of Tokyo DELAUNAY, Jean jacques Associate Professor Graduate School of Engineering</p>	<p>Oct 12, 2018~ Oct 11, 2020</p>	<p>Kanto Tokyo</p>
<p>TKACHENKO, G.</p> <p>UKRAINE</p>	<p>Near-field polarization analysis for ultrathin optical fibers</p>	<p>Okinawa Institute of Science and Technology Graduate University NIC CHORMAIC, Sile Professor Light-Matter Interactions Unit</p>	<p>Nov 30, 2018~ Nov 29, 2020</p>	<p>Okinawa Okinawa</p>
<p>PHAN, H. V.</p> <p>VIET NAM</p>	<p>Understanding Mechanisms of Anaerobic Benzene Degradation by Genetic Analysis</p>	<p>The University of Tokyo KURISU, Futoshi Associate Professor Graduate School of Engineering</p>	<p>Apr 16, 2018~ Apr 15, 2020</p>	<p>Kanto Tokyo</p>