

List of Fellows (Invitational Fellowship Long-term FY2018): Selected through Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the recruitment of FY2018 JSPS Invitational Fellowship for Research in Japan (Long-term). Under this recruitment, 259 applicants were received, among which 60 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2018.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
AGOTNES Thomas	NORWAY	Ken SATOH	Research Organization of Information and Systems	Formal Verification of Multi-Agent Systems under Incomplete Communication
AHMED Harby Ezzeldin	EGYPT	Mie ISHII	Saga University	Degradation mechanism and conservation studies on ancient Egyptian textiles.
ALAGARSAMY Perumal	INDIA	Kazuhiro HONO	National Institute for Materials Science	Magneto-transport properties of Heusler alloy spin-gapless semiconductors
ARMITAGE Norman Peter	U.S.A.	Ryusuke MATSUNAGA	The University of Tokyo	Non-equilibrium effects in topological materials
BAKER Alan Richard	U.S.A.	Jun OTSUKA	Kyoto University	Mathematical Explanation in Biology: a Philosophical Investigation
BARBER Glen N	UNITED KINGDOM	Yoichiro IWAKURA	Tokyo University of Science	Studies of STING in the host defense against pathogens and development of autoimmune disease
BAYOUMY Mohamed Hassan	EGYPT	Naoya OSAWA	Kyoto University	Applied entomological study on main factors affecting on mass rearing in a natural enemy
BELTRAMINI Jorge Norberto	AUSTRALIA	Shinya HAYAMI	Kumamoto University	Nanopores Hybrid Metal Organic Framework Catalysts for the Direct Activation of Methane
BHUIYAN Ashraful Ghani	BANGLADESH	Akihiro HASHIMOTO	University of Fukui	Development of High Efficiency III-Nitride Solar Cell
BILANIUK Laada Myroslava	U.S.A.	Motoki NOMACHI	Hokkaido University	Comparative Study of English influence in Ukraine and Poland
CARTER J Scott	U.S.A.	Seiichi KAMADA	Osaka City University	Developing research methods on low dimensional topology using charts and foams
CHIU Ming-Chih Jacky	TAIWAN	Kozo WATANABE	Ehime University	A Genomic Approach to River Ecosystem Conservation: Genetic Diversity Modeling under Climate Change

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DERBALAH Aly Soliman	EGYPT	Hiroshi SAKUGAWA	Hiroshima University	Advanced remediation technologies of pesticide residue in natural water and wastewater
ELBAROUGY Reda Elsaid Mohamed Elsayed	EGYPT	Masato AKAGI	Japan Advanced Institute of Science and Technology	Automatic Emotional Speech Conversion Method for Affective Speech-to-Speech Translation System
ELSABAGH Mabrouk Ragab Fattouh	EGYPT	Toshihisa SUGINO	Hiroshima University	Potential role of rumen-protected glutamate on the metabolic disorders in transition dairy cows
FATEMA Pinky Karim Syeda K.	BANGLADESH	Kazushige YOKOTA	Shimane University	Multiple action of prostanoids on adipogenesis through cell-surface and nuclear receptor subtypes
FEDORYNENKO Dmytro	UKRAINE	Yoichi NAKAO	Kanagawa University	Development of high-performance spindle for ultra-precision machining of micro- structured surfaces
FITZHUGH John Benjamin	U.S.A.	Katsunori TAKASE	Hokkaido University	An Archaeological Examinations on the Resource Decline in Prehistoric Hokkaido
FORTI Francesco	ITALY	Takeo HIGUCHI	The University of Tokyo	Installation and commissioning of the Belle II Silicon Vertex Detector
GHOSH Batu	INDIA	Naoto SHIRAHATA	National Institute for Materials Science	Fabrication of light emitting devices with active layers of NanoSilicon
GOUSSEV Dmitri	CANADA	Susumu SAITO	Nagoya University	Hydrogenation of carboxylic acid derivatives using 5d-block metal complexes bearing PNNP ligand
GRAHAM Robert Iain	UNITED KINGDOM	Daisuke KAGEYAMA	National Agriculture and Food Research Organization	The Enemy within: Inherited Microorganisms Driving Population Dynamics in a Major Agricultural Pest
HINDLE Abram James	CANADA	Yasutaka KAMEI	Kyushu University	Next Generation Software Energy Measurement and Sustainability
ISLAM Md. Rafiqul	BANGLADESH	Takehiro KAMIYA	The University of Tokyo	Identification and characterization of genes responsible for arsenic accumulation in rice

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ISLAM Md. Shafiqul	BANGLADESH	Masatoshi HORI	The University of Tokyo	Pathophysiological roles of IL-33/ST2 axis in inflammatory bowel disease
JECKER Nancy S.	U.S.A.	Akira AKABAYASHI	The University of Tokyo	Ethical Obligations to Care for the Elderly in Rapidly Aging Populations
JUNG Ho-Sup	KOREA (REP. OF KOREA)	Hiroshi UMAKOSHI	Osaka University	Design of Smart Micro-Devices based on Bio-Inspired Strategy and Its Application
KABOUDIN Babak	IRAN	Hiroshi AOYAMA	Tokyo University of Pharmacy and Life Sciences	Cationic phospholipid-modified magnetite nanoparticles as a nano-carrier system
KAREIVA Aivaras	LITHUANIA	Kunio ISHIKAWA	Kyushu University	Learn from the bone -Low crystalline carbonate apatite fabrication based on precursor regulation-
KATO Takao	JAPAN	Hideo OWAN	The University of Tokyo	Employment System Reform to Use Human Resources Efficiently--International Research Collaboration
KIM Sungyoung	CANADA	Makoto OTANI	Kyoto University	Preserving and digital restoration of aural heritage in Japan.
KIM Tai-Young	KOREA (REP. OF KOREA)	Junichi YAMANOI	Waseda University	The Effects of Media Coverage on CSR Structure, CSR Cost, and Corporate Performance
KOHL Michael	GERMANY	Toshimi SUDA	Tohoku University	Proton radius puzzle and low-energy electron scattering
KUNC Martin Horacio	ITALY	Makoto KIMURA	Nagano University	Big Data Analysis and Consumer Behavior Model Development Applied System Dynamics
KYAW Khaing	MYANMAR	Hiroyuki SATO	The University of Tokyo	Paleoecology of Pleistocene epoch in Myanmar and Human Migration route across in Myanmar
KYAW KYAW MOE	MYANMAR	Yoko AIDA	RIKEN	Molecular characterization of bovine leukemia virus circulating in Myanmar cattle

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LI Xin-Gui	CHINA	Hiroshi IMAHORI	Kyoto University	Synthesis of Multifunctional Conjugated Copolymers by Direct Oxidative Polymerization
LI Qingan	CHINA	Takao MAEDA	Mie University	Study on a leading-edge airfoil of vertical axis wind turbine based on bionics in turbulent flow
MATAN Kittiwit	THAILAND	Taku SATO	Tohoku University	Spin dynamics and nonreciprocity in low-dimensional quantum magnets
MATHIEU Olivier Emile	FRANCE	Hisashi NAKAMURA	Tohoku University	Modeling and validation of NOx influence on ammonia combustion over a wide range of temperature
MHANDO David Martine Gongwe	TANZANIA	Jun IKENO	Kyoto University	Dynamics of orange production and marketing among smallholders in Tanzania
MIURA Tomoaki	JAPAN	Shin NAGAI	Japan Agency for Marine-earth Science and Technology	Analysis of Vegetation Dynamics in the Asia-Pacific Region Using Multi-Sensor Remote Sensing
MOKSHINA Natalia Evgenievna	RUSSIA FEDERATION	Nobutaka MITSUDA	National Institute of Advanced Industrial Science and Technology	Tertiary cell wall formation -The last mystery of cell wall regulation-
MONTERO Xabier	SPAIN	Hideyuki MURAKAMI	National Institute for Materials Science	On the Type II hot corrosion mechanism for high entropy alloys
NGUYEN Oanh Thi	VIET NAM	Masayuki TSUKIMOTO	The University of Tokyo	Contrastive Research on Kanbun-Kundoku in Vietnam and Japan
OBA Masahito	JAPAN	Shin OIKAWA	RAKUNO GAKUEN UNIVERSITY	Evaluation of nutritional management of dairy cows during calving transition
OSMAN Sayed Abdel-Maksoud	EGYPT	Masahide NISHIBORI	Hiroshima University	Molecular phylogenetic analysis of African poultry and these established breeds
POPESCU Carmen-Mihaela	ROMANIA	Eiichi OBATAYA	University of Tsukuba	Characterization of aged wood and development of accelerated ageing by hygrothermal treatment

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RAMAN Srinivasan	INDIA	Masaki IZUMI	Kyoto University	The classification of E0-semigroups
SCHAUSBERGER Peter	AUSTRIA	Yukie SATO	University of Tsukuba	Maternal effects on male mating strategies and epigenetic profiles in the two-spotted spider mites
SHARMA Shivani	INDIA	Masami SUGANUMA	SAITAMA UNIVERSITY	Development of identification method of circulating tumor cells using cell stiffness measured by AFM
SHOW Pau Loke	MALAYSIA	Tomohisa KATSUDA	Kobe University	Recovery of bioactive compounds using aqueous-two-phase floatation
SINGH Tejwant	INDIA	Nobuo KIMIZUKA	Kyushu University	Control of energy landscape based on photo-functional ionic liquids
TAGMATARCHIS Nikos	GREECE	Hisanori SHINOHARA	Nagoya University	Layered transition metal dichalcogenide-based hybrid materials for energy applications
TAN Kim Hua	MALAYSIA	Tetsuo YAMADA	The University of Electro-Communications	Framework for Accelerated Sustainable Product Innovation using Big Data in Brexit Era
TAYONE Wilanfranco Caballero	PHILIPPINES	Masaru HASHIMOTO	National University Corporation HIROSAKI UNIVERSITY	Bioorganic investigation of bioactive substances from folk medicine in Philippine
ULRICH Mathias	GERMANY	Yoshihiro IJIMA	Mie University	Socioecological and environmental consequences of thermokarst dynamics
YOON Cheol Jae	KOREA (REP. OF KOREA)	Takefumi KUROSE	Kyushu University	City management in depopulation society, case studies of middle-scale cities in Japan
ZHANG Zonghua	CHINA	Yuuki KADOBAYASHI	Nara Institute of Science and Technology	Studies on Autonomic Cyberdefense with Network Virtualization
ZHENG Guoyan	CHINA	Yoshinobu SATO	Nara Institute of Science and Technology	Artificial intelligence-based musculoskeletal modeling from a large-scale CT database