

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
AGARWAL Vipin	INDIA	Yusuke NISHIYAMA	RIKEN	Structural analysis of proteins by selective proton-proton recoupling very fast MAS solid-state NMR
ANTONYUK Svetlana Vladimirovna	UNITED KINGDOM	Takehiko TOSHA	RIKEN	Development for new methods for obtaining damage free structures of redox enzymes
ASHUR Amir	ISRAEL	Hiroshi ICHIKAWA	The University of Tokyo	Jewish-Muslim Contacts Reflected in the Cairo Geniza Documents
BAKULIN Artem	RUSSIA FEDERATION	Tahei TAHARA	RIKEN	Ultrafast Spectroscopy of Materials for Photovoltaic Devices
BELLES-ROS Javier	SPAIN	Takaaki DAIMON	Kyoto University	Molecular regulation and evolution of insect metamorphosis
CASTELLANO Michael Angelo	U.S.A.	Kentaro HOSAKA	National Museum of Nature and Science	Diversity and taxonomy of truffle-like fungi in Japan.
CHAKRABORTY Nilanjan	UNITED KINGDOM	Ryoichi KUROSE	Kyoto University	A study on multiphase turbulent combustion mechanism and modeling
CHEN Banglin	U.S.A.	Qiang XU	National Institute of Advanced Industrial Science and Technology	Study of highly functional porous metal-organic frameworks
CHEUNG Sin Yi	UNITED KINGDOM	Hiroshi ISHIDA	The University of Tokyo	Stratification in Higher Education and Its Socio-economic Returns in East Asia
CUI Zi-Ning	CHINA	Yoshihiro NISHIDA	Chiba University	Molecular design of novel sugar-based chemicals having potent phytoelicitor activity
D'AVELLA Andrea	ITALY	Kazuhiko SEKI	National Center of Neurology and Psychiatry	Dynamics and mechanisms of motor adaptation after changes in the musculoskeletal system

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
DEBACHER Nito Angelo	BRAZIL	Kazunori TAKASHIMA	Toyohashi University of Technology	Interaction between discharge plasma and catalyst surface
DEBES Pierre Marie, Michel	FRANCE	Hiroaki NAKAMURA	Osaka University	Diophantine Geometry and Galois Theory
DENPAIBOON Chaweewan	THAILAND	Shinpei SHIMOURA	KOCHI UNIVERSITY	Survey on Local-Based Rural Business: Development of Method for Community-based Decision Making
DEWPURA ACHARIGE Lilisiya Leelamanie	SRI LANKA	Masahiro KOBAYASHI	Forestry and Forest Products Research Institute	Carbon retention of water repellent soils during forest fires
DONDERS Yvonne Maria	NETHERLANDS	Michiya KAWAMURA	Osaka University	Toward a balance between universal human rights and cultural diversity in the Japanese legal systems
ECK Kristine Marie	SWEDEN	Atsushi TAGO	Kobe University	Research on State Violence and Oppression in East Asian Countries
EGGELER Gunther Friedrich	AUSTRIA	Kyosuke YOSHIMI	Tohoku University	Thermodynamic and Kinetic Concepts of Deformation Mechanisms of Advanced High-Temperature Materials
ELIZALDE Emilio Ruis	SPAIN	Shin'ichi NOJIRI	Nagoya University	The quest for the nature of dark energy: different models
ELLMER Klaus Dieter	GERMANY	Tetsuya YAMAMOTO	Kochi University of Technology	Doping and Electronic Transport in Semiconducting Oxides
EMES Michael James	CANADA	Naoko FUJITA	Akita Prefectural University	Understanding the molecular mechanisms which determine the structure of storage starch in cereals.
FELIU MARTINEZ Juan Miguel	SPAIN	Kei MURAKOSHI	Hokkaido University	Development on Electrocatalysis for Novel Chemical Energy Conversions

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
FENG Jijun	CHINA	Ryoichi AKIMOTO	National Institute of Advanced Industrial Science and Technology	Novel optical functionality using hybrid photonic integrated circuit of dissimilar materials
FLINT-GARCIA Sherry Ann	U.S.A.	Masanori YAMASAKI	Kobe University	Genome-wide Association Studies and Application for Breeding in Crops
FLORYAN Jerzy Maciej	CANADA	Masahito ASAI	Tokyo Metropolitan University	Study on drag reduction by surface manipulation in wall-bounded shear flows
GEWIRTH Andrew Alan	U.S.A.	Ichizo YAGI	Hokkaido University	Novel Approach of Multi-Electrons and Protons Electrocatalysts for Interfacial Energy Conversion
GRECO Andres Francisco	ARGENTINA	Hiroyuki YAMASE	National Institute for Materials Science	Theory of charge excitations and x-ray scattering for unconventional superconductors
GRUNAU Christoph	GERMANY	Akiko MINODA	RIKEN	Development of small scale ChIP-seq
GU Zhaolin	CHINA	Weijun GAO	The University of Kitakyushu	Air pollution evaluation and strategy of urban planning due to urban structure
GUO Wei	CHINA	Makoto TSUBOTA	Osaka City University	Quantum hydrodynamics of superfluid helium: collaboration of visualization and numerical simulations
GUYAUX Andre	BELGIUM	Yoshikazu NAKAJI	The University of Tokyo	Philology and Biography in the Study of French Modern Poetry
HAMMARSTROM Leif Ake	SWEDEN	Hiroshi IMAHORI	Kyoto University	Creation of Artificial Photosynthetic Systems
HARRAN Patrick Gerard	U.S.A.	Masahiro MURAKAMI	Kyoto University	Development of New Reactions Directed Toward Natural Product Synthesis

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
HORTON Robert	U.S.A.	Yuki KOJIMA	Gifu University	Cooperation of geotechnique, soil science, and crop science developed with soil physics
HU Eric Jing	AUSTRALIA	Akira NISHIMURA	Mie University	CO2ReformingbyPhotocatalyst,SolarAidedPowerGeneration,andClarificationon HeatTransferinFuelCell
HUGHES Christopher Rene	UNITED KINGDOM	Hatsue SHINOHARA	Waseda University	The League of Nations and Asia
JOURDAN Didier Etienne Marius	FRANCE	Beverlyanne YAMAMOTO	Osaka University	An investigation of health education and health promotion in schools in Europe, Canada and Japan
KAMAT Prashant V.	U.S.A.	Masatoshi YANAGIDA	National Institute for Materials Science	Development of perovskite materials for photovoltaics
KARTAL Saip Nami	TURKEY	Tsuyoshi YOSHIMURA	Kyoto University	Dertermination of threshold values of NaF and DOT compounds in wood against termites and fungi
KATSCHER Ulrich	GERMANY	Khin khin THA	Hokkaido University	Establishment of Noninvasive Tissue Electrical Conductivity Measurement Technique for Lung Cancers
KAYNAK Okyay	TURKEY	Xinkai CHEN	Shibaura Institute of Technology	Adaptive control for smart material based actuators and its application to nano-positioner
KHALAF Ezz El Din Abdel Hakim	EGYPT	Takashi SANO	National Museum of Nature and Science	Geochemistry of rift-related magma to clarify breakup of Red Sea and its relationship to Afar plume
KUO Yue	U.S.A.	Takayuki HOMMA	Waseda University	Interfacial nanoanalysis and control of fabrication process for novel solid state incandescent LED
LARSON Magnus Per	SWEDEN	Hitoshi TANAKA	Tohoku University	Study on mechanism of recent beach erosion on Vietnamese coasts and its countermeasures

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
LOI Pasqualino	ITALY	Kimiko INOUE	RIKEN	Alternative approaches for nuclear reprogramming in somatic cell nuclear transfer
LOREAU Michel	BELGIUM	Shigeo YACHI	Kyoto University	From biodiversity to sustainability: Key challenges of theoretical ecology
LUNDHOLM Jeremy Todd	CANADA	Ayako NAGASE	Chiba University	Integration of green roof and solar photovoltaic systems
MARET Pierre	FRANCE	Guillaume LOPEZ	Aoyama Gakuin University	Information sharing method for wearable IoT services guarantying individual information security
MCCUAN John Edward	U.S.A.	Miyuki KOISO	Kyushu University	Free boundary problem of variational problems for surfaces and applications to other fields
MCQUATTERS-GOLLOP Abigail	UNITED KINGDOM	Kazuo INABA	University of Tsukuba	Applying marine biological research to the conservation and policy process
MEEUSEN Romain Rachele Francois	BELGIUM	Hiroshi HASEGAWA	Hiroshima University	Central mechanisms of exercise-induced fatigue and possible strategies for heat stroke prevention
MEGUID Shaker Abdel	CANADA	Yang JU	Nagoya University	Mechanism elucidation of electroplastic effect of TiAl and creation of new plastic working method
MERNILD Jacob Sebastian Haugaard	DENMARK	shin SUGIYAMA	Hokkaido University	Observations and modelling of changes in climate, glaciers, and hydrology
MILANO Giuseppe	ITALY	Toshihiro KAWAKATSU	Tohoku University	Development of Coarse-Grained models of Polymer Nano Composites
MIN Weifang	CHINA	Yukari MATSUZUKA	Hitotsubashi University	Prospect for East Asia Higher Education Area Applying Economics of Education

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MORELLI Luis Guillermo	ARGENTINA	Koichiro URIU	Kanazawa University	Cellular information processing in developing tissues
MORRISON Mark	AUSTRALIA	Yasuo KOBAYASHI	Hokkaido University	Improvement of animal health and production through gut microbiological approaches
MUIR WOOD David	UNITED KINGDOM	Mamoru KIKUMOTO	Yokohama National University	Modeling of soils: constitutive challenges to broader phenomena
MUSCOLINO Maria Concetta	ITALY	Haruya KUDO	Tokyo University of the Arts	Comparative examination for the technics of the Mural paintings in Eurasian Continent
NANCY Jean-Luc	FRANCE	Takashi ICHIKAWA	KEIO UNIVERSITY	Myth, Community and fiction in Jean-Luc Nancy
NELSON David	U.S.A.	Urumu TSUNOGAI	Nagoya University	Transport and transformation of atmospheric nitrate in watersheds
PAPADOPOULOS Athanase	FRANCE	Sumio YAMADA	Gakushuin University	Synthetic study on convex geometries of moduli spaces
PARK Gene	U.S.A.	Masayuki TAKAHASHI	SAITAMA UNIVERSITY	Central Banking Policy after "Further Monetary Easing": Policy Making and Framing of Policy Choice
PATTAMATTA Arvind	INDIA	Yasuyuki TAKATA	Kyushu University	Physical Modeling and Nano/Microscale Observation of Liquid-Vapor Phase Change by Environmental SEM
PEZERIL Thomas	FRANCE	Osamu MATSUDA	Hokkaido University	High speed time-resolved imaging of GHz surface acoustic waves with two-dimensional imaging device
PROTAS Bartosz	POLAND	Takashi SAKAJO	Kyoto University	Mathematical challenges in controlling the Kelvin-Helmholtz instability

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
RAMISCH Heinrich Reinhard	GERMANY	Yoko IYEIRI	Kyoto University	Methodological Perspectives on Synchronic and Diachronic Variation: English and Japanese
RAY Purusattam	INDIA	Takahiro HATANO	The University of Tokyo	Study of the effect of disorder in fracture and earthquake statistics
REFETOFF Samuel	U.S.A.	Takashi YOSHIMURA	Nagoya University	Understanding the mechanism of human seasonal diseases
RIZZO Cesare Mario	ITALY	Masahiko FUJIKUBO	Osaka University	Structural reliability assessment of a large container ship considering combined load effects
RUBAN Alexander	UNITED KINGDOM	Jun MINAGAWA	National Institutes of Natural Sciences	Study on the energy dissipation mechanism to protect photosystems
SAFONOVA Inna Yu.	RUSSIA FEDERATION	Tsuyoshi KOMIYA	The University of Tokyo	Tectonics of Asia and biosphere evolution: Closure of the Paleo-Asian Ocean and amalgamation of Asia
SASAKI Atsuo	U.S.A.	Yukihiko FUJII	Niigata University	Targeting the GTP metabolic switch for new therapeutics for malignant brain tumors
SCARANTINO Luca Maria	ITALY	Keiichi NOE	Tohoku University	Self, Place and Space: The Contribution of Japanese Philosophy to a Conception of Subjectivity
SCHERSON Daniel A.	U.S.A.	Takuya MASUDA	National Institute for Materials Science	Design and Development of Innovative Interfaces for Highly Efficient Energy/Materials Conversion
SCHULTZ Warren Carl	U.S.A.	Tetsuya OTOSHI	Waseda University	Coins and Economy in Medieval Islamic Society
SINGH Jayant Kumar	INDIA	Hideki TANAKA	Okayama University	Nucleation behavior of supercooled water in nano channel

## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
SMITH Andrew T.	UNITED KINGDOM	Hiroshi ASHIDA	Kyoto University	Advanced research in vision science by using functional magnetic resonance imaging
SMITH Craig	UNITED KINGDOM	Tomoji ONOZUKA	The University of Tokyo	Research on the Adam Smith's collection: an effort for new catalogue in international co-operation
STEINBOCK Oliver	GERMANY	Satoshi NAKATA	Hiroshima University	Development of chemical systems which induce spatio-temporal pattern
SWITZER Jay A	U.S.A.	Shuji NAKANISHI	Osaka University	Development on solar light energy conversion material chemistry
TARDUNO John A.	U.S.A.	Hirokuni ODA	National Institute of Advanced Industrial Science and Technology	Reliable estimation of geomagnetic field strength with zircon single crystals by SQUID microscope
TONG Meisong	CHINA	Naoshi NISHIMURA	Kyoto University	Fast solvers for Maxwell's equations for topological optimisation of metamaterials
TORCHIN Mark Erik	U.S.A.	Osamu MIURA	KOCHI UNIVERSITY	Unraveling the mechanisms of host-parasite codiversification
UEKI Yasuyoshi	JAPAN	Toshitaka OOHASHI	Okayama University	Unraveling a BMP paradox by osteoimmunology: Why does BMP-2 inhibit bone formation in bone marrow?
VALLS Marc Matheu	SPAIN	Mitsuaki TABUCHI	Kagawa University	International collaborative research for understanding of bacteria wilt disease
VOROBIEV Eduard	RUSSIA FEDERATION	Takashi HOSOKAWA	Kyoto University	Protostellar Burst Accretion in Low-metallicity Environments
WAGNER Matthias	GERMANY	Shigehiro YAMAGUCHI	Nagoya University	Synthesis and Application of Boron-doped Nanographene



## List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
WANG I-Lin	TAIWAN	Makoto YAMASHITA	Tokyo Institute of Technology	Efficient methods for network optimization problems based on the extraction of network structures
WEIX Daniel John	U.S.A.	Yoshiaki NAKAO	Kyoto University	Studies on Reductive Cross-coupling Reactions by Cooperative Metal Catalysis
WINSSINGER Nicolas C.b.e.p.m.	BELGIUM	Kazuya KIKUCHI	Osaka University	Imaging Studies of Epigenome Using Nucleic Acid Probes with Turn-on Switches
WOODS John Edmund	U.S.A.	Kazuo MORIMOTO	The University of Tokyo	Towards a Renovated Understanding of Post-Mongol Western and Central Asia
YU Hon-Tsen	TAIWAN	Masaharu MOTOKAWA	Kyoto University	History of biology and human network in Taiwan during the Japanese colonial period
ZAKI Tamer A. N.	U.S.A.	Yosuke HASEGAWA	The University of Tokyo	State Estimation of Wall Turbulence by Integrating Sensing Data to Direct Numerical Simulation
ZCHORI-FEIN Einat	ISRAEL	Takema FUKATSU	National Institute of Advanced Industrial Science and Technology	Toward international collaboration on plant-insect-symbiont interactions
ZHANG Yan	NORWAY	Celimuge WU	The University of Electro-Communications	Research on IoT Systems with Autonomous Distributed Communication
ZHANG Guoqing	CANADA	Tatsushi NISHI	Osaka University	Risk Management and Optimization in E-commerce Supply Chains via Big Data Driven Analysis
ZHAO Xiang	CHINA	Masahiro EHARA	National Institutes of Natural Sciences	Theoretical Studies on the Reaction Mechanism of Fullerenes and Metallofullerenes
ZHUO Cheng	CHINA	Masanori HASHIMOTO	Osaka University	A study on cross-layer design optimization of VLSI reliability

### List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 289 applicants were received, among which 100 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, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ZUO Mingjian	CANADA	Tadashi DOHI	Hiroshima University	Reliability analysis of dynamic multi-state systems