

List of Fellows (FY2018 JSPS Invitational Fellowships for Research in Japan (Second Recruitment of Short-term))

Humanities

The following list includes the names of the selected fellows, their host researchers and research themes under the FY2018 JSPS Invitational Fellowships for Research in Japan (Second Recruitment of Short-term). Under this recruitment, 278 applicants were received, among which 80 fellowships were awarded.

Fellow' name (FAMILY/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
PHILIPPE Gilles	FRANCE	Atsuo MORIMOTO	Kyoto University	The stylistic approach of literature : its latest findings about Duras and Sartre
WANG An-Tai	TAIWAN	Soichiro ABE	Kanazawa University	A New Expansion of studies of the class system in 3th-10th century of China
BALMER Yves	FRANCE	Shigeru FUJITA	Tokyo College of Music	The most recent Olivier Messiaen study and the perspective for the future
JAMSRAN Urangua	MONGOLIA	Husel BORJIGIN	Showa Women's University	Empirical Research on the Internment of Japanese in Mongolia
OAKLEY Justin Gerard	AUSTRALIA	Satoshi KODAMA	Kyoto University	Applications of virtue ethics to health care policy and practice
TAMANOI Mariko	U.S.A.	Yasuko TAKEZAWA	Kyoto University	Integrated Research into the Processes and Mechanisms of Racialization
GREEN Jill I.	U.S.A.	Maaya FUKUMOTO	Ochanomizu University	Somatics and Embodiment: the epistemological roots and applications

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Social sciences

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HWANG Eric Jengliang	U.S.A.	Megumi NAKAMURA	Morinomiya University of Medical Sciences	Development of the Japanese Health Enhancement Lifestyle Profile/HELP-J for older adults.
GEIGER Roger L.	U.S.A.	Hideto FUKUDOME	The University of Tokyo	Organization and Structure of Research University: Historical and Comparative Approach
WEI Jianwen	CHINA	Kanji IKEDA	Hosei University	Social Capital and Community Resilience Building in Disaster Recovery
CHORIANOPOULOS Ioannis	GREECE	Asato SAITO	Yokohama National University	Neoliberal urbanism: Austerity and collaborative governance
RICHARD Jacques Jean	FRANCE	Clemence GARCIA	Gakushuin University	Theoretical groundings of accounting for goodwill and fair value in IFRS
RESICK Patricia A	U.S.A.	Masaru HORIKOSHI	National Center of Neurology and Psychiatry	Dissemination of cognitive processing therapy for posttraumatic stress disorder in Japan

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Mathematical and physical sciences

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IOHARA Kenji	JAPAN	Kyoji SAITO	The University of Tokyo	Integrable representations of Lie algebras associated with root systems and its applications
LITASOV Konstantin	RUSSIA FEDERATION	Hiroyuki KAGI	The University of Tokyo	Origin of diamonds in volcanic rocks from non-traditional sources
COSLOVICH Daniele	ITALY	Atsushi IKEDA	The University of Tokyo	Critical tests of the glass transition theories through state-of-the-art molecular simulations
ALVAREZ-VALERO Antonio	SPAIN	Hirochika SUMINO	The University of Tokyo	Tracing magma ascent and volcanic degassing through noble gases in melt inclusions in phenocrysts
BALAKRISHNAN Geetha	UNITED KINGDOM	Shinichiro SEKI	RIKEN	Investigations of Topological Materials
MORALES RUIZ Juan Jose	SPAIN	Kazuyuki YAGASAKI	Kyoto University	New Directions in Applications of Differential Galois Theory to Dynamical Systems
BUCHER Martin Aaron	U.S.A.	Hirokazu ISHINO	Okayama University	Thorough study on systematic uncertainties in searches for primordial gravitational waves
INDEKEU Joseph Octave	BELGIUM	Kenichiro KOGA	Okayama University	Fluid interfaces near critical-endpoints and tricritical points
SETHURAMAN Sunder	U.S.A.	Tadahisa FUNAKI	Waseda University	Nonlinear stochastic partial differential equations related to large scale interacting systems
HERTZBERG Mark Peter	AUSTRALIA	Masahide YAMAGUCHI	Tokyo Institute of Technology	Examining the Dark Universe

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Chemistry

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Fellow' name (FAMILY/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
CIAPPINA Marcelo Fabian	ITALY	Kaoru YAMANOUCI	The University of Tokyo	Interaction of atoms and molecules with plasmonic-enhanced fields
NJARDARSON Jon T.	IRELAND	Yujiro HAYASHI	Tohoku University	New reaction development - target oriented synthesis (natural products/drugs) - reaction mechanisms
ANDERSON Harry Laurence	UNITED KINGDOM	Atsuhiko OSUKA	Kyoto University	Chemistry of Giant Conjugated Porphyrin Arrays
LEE Yong-Il	KOREA (REP. OF KOREA)	Takashi KANETA	Okayama University	Development of high-performance paper-based analytical devices using sensing with nano-materials
HACKENBERGER Christian Peter Richard	GERMANY	Itaru HAMACHI	Kyoto University	Generalization and extension of ligand-directed chemistry by coupling with nanobody
REEK Joost Nicolaas Hendrik	NETHERLANDS	Kazushi MASHIMA	Osaka University	Development of New Catalytic Processes based on Rational Design of Supramolecular Catalysis
TOVAR John Dayton	U.S.A.	Shigehiro YAMAGUCHI	Nagoya University	Self-Assembly of Unusual pi-Electron Systems
MURALEETHARAN Murugesu	CANADA	Ken SAKAI	Kyushu University	Multifunctional nanocatalysts derived from nitrogen-rich redox active ligands
HOFF Wouter David	NETHERLANDS	Tomotsumi FUJISAWA	Saga University	Raman Optical Activity as a New Tool to Explore the Active Site Structures of Chromoproteins
TAN Choon Hong	SINGAPORE	Hisashi YAMAMOTO	Chubu University	Development of Practical Enantioselective Organocatalyst based on Lewis Base
JUNK Peter	AUSTRALIA	Makoto YAMASHITA	Nagoya University	Rare earth chemistry involving formamidinate ligands

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Engineering sciences

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Fellow' name (FAMILY/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
WU Deyin	CHINA	Masayuki FUTAMATA	SAITAMA UNIVERSITY	Elucidation of electronic interactions between metal nanostructure and adsorbed species
TAKACS Sandor	HUNGARY	Masayuki AIKAWA	Hokkaido University	Cross section measurement for medical radioisotope production by alpha-induced reactions
HOELLER Robert	AUSTRIA	Susumu TOHNO	Kyoto University	Influence of atmospheric aerosols on solar irradiation forecasting based on ground measurement
CVIJETIC Milorad	U.S.A.	Kiichi HAMAMOTO	Kyushu University	High capacity transmission using OAM mode division multiplexing
BELL Michael Geoffrey Harris	UNITED KINGDOM	Fumitaka KURAUCHI	Gifu University	Extension of Transport Network Reliability Analysis
ACHAL Varenayam	INDIA	Satoru KAWASAKI	Hokkaido University	Development of technically practical and economically viable biogROUT
BHARGAVA Suresh Kumar	AUSTRALIA	Kazunari DOMEN	The University of Tokyo	Development of visible light responsive photocatalysts with nanostructures for water splitting
SMETS Barth F	BELGIUM	Futoshi KURISU	The University of Tokyo	Biological stability, microbial community and biodegradable organic matter in water supply
JAMES Famiglietti Stephen	U.S.A.	Hyungjun KIM	The University of Tokyo	Global change impacts on water availability
TAN Zhenquan	CHINA	Satoshi OHARA	Osaka University	Advanced integration of tailor-made inorganic nanocrystals
JOLY Laurent	FRANCE	Yasutaka YAMAGUCHI	Osaka University	Molecular-scale view of interfacial thermo-hydrodynamics including solid-liquid friction and wetting

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IKONIC Zoran	UNITED KINGDOM	Osamu NAKATSUKA	Nagoya University	Study on optoelectronic properties of group-IV multielement alloy semiconductor materials
LEE Byongjun	KOREA (REP. OF KOREA)	Kenji IBA	Meisei University	A Survey of Battery Energy Storage System and International Interconnection
PARKER Gavin	UNITED KINGDOM	Tomokazu ARITA	University of Tsukuba	Study on local governance by comparing Machizukuri in Japan and Neighborhood Planning in England
LEE Kiejun	KOREA (REP. OF KOREA)	Takayuki ISHIBASHI	Nagaoka University of Technology	Development of characterization techniques for materials utilizing micro- and millimeter-waves
NAUGHTON Jonathan Wayne	U.S.A.	Hidetoshi IJIMA	Japan Aerospace Exploration Agency	Study on skin friction measurement techniques and wind energy technology
PAVLICEK Pavel	CZECH	Yukitoshi OTANI	Utsunomiya University	Use of polarized light in optical 3D measurement technologies

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Informatics

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PARIS Cecile Laurence	AUSTRALIA	Kyo KAGEURA	The University of Tokyo	Construction of the passive knowledge acquisition environment using SNS
HASAN Anwarul M	CANADA	Naofumi TAKAGI	Kyoto University	Algorithms and architecture for cryptographic processing circuits
JAMONE Lorenzo	UNITED KINGDOM	Alexander SCHMITZ	Waseda University	Dexterous robotic manipulation through deep learning and soft tactile sensing
CHUA Tat-Seng	SINGAPORE	Kiyoharu AIZAWA	The University of Tokyo	Analysis of Lifestyle Data for Personal Wellness
GUI Guan	CHINA	Nei KATO	Tohoku University	Advanced Infrastructure Technologies for IoT Services in 5G Cellular Networks
HILLERT Dieter	GERMANY	Masumi WAKITA	Kyoto University	The Evolution of Syntax: From Monkey Calls to Human Sentences
HO Tsung-Yi	TAIWAN	Shigeru YAMASHITA	Ritsumeikan University	Design and Optimization of Micro-Electrode-Dot-Array (MEDA) Digital Microfluidic Biochips

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Biological sciences

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KORSOS Zoltan	HUNGARY	Tsutomu TANABE	Kumamoto University	Evolutionary mechanisms of Mullerian mimicry in millipedes
WORSAAE Katrine	DENMARK	Norio MIYAMOTO	Japan Agency for Marine-earth Science and Technology	Neuroanatomy of marine invertebrates
ACEBRON Sergio Perez	SPAIN	Bisei OHKAWARA	Nagoya University	Wnts-activated signaling pathways
CELANI Antonio	ITALY	Tetsuya KOBAYASHI	The University of Tokyo	Development and Applications of Reinforcement Learning based on Biological Sensing Systems

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Agriculture/Environmental sciences

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ODE Paul James	U.S.A.	Keiji TAKASU	Kyushu University	Influence of bottom-up effects on biological control
GRAY Thomas Walter	U.S.A.	Hiroshi ISODA	Kyushu University	Organizational and Business Innovations for Agricultural Cooperatives in the U.S. and Japan
MATTOO Autar K	U.S.A.	Amane MAKINO	Tohoku University	Photosynthesis improvement and enhancement of productivity in crops
NG James C. K.	SINGAPORE	Kenji KUBOTA	National Agriculture and Food Research Organization	Virus-insect vector-host interactions at the nexus of diseases and disease transmission
ZAWAI Lideman	INDONESIA	Ryuta TERADA	Kagoshima University	Ecophysiological study of Ecuheuma and Kappaphycus for the advanced mariculture in Indonesia
HUNT George Lester	U.S.A.	Sei-ichi SAITOH	Hokkaido University	Climate impacts on marine ecosystem from the North Pacific to the Arctic
MIAH Md. Danesh	BANGLADESH	Aturo MIKI	Shinshu University	A Study of Private REDD+ Investments from Japan to Developing Countries
MELLERS Gregory James	UNITED KINGDOM	Shigeo TAKUMI	Kobe University	Development of molecular markers closely linked to awn inhibitor genes in wheat
ZHANG Shoufa	CHINA	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Metagenomic analysis of tick-borne protozoan parasites in Northeast China
CHARMASSON Sabine	FRANCE	Yutaka TATEDA	CRIEPI	Radiocesium dynamics between land-sea area; comparison between Mediterranean and Fukushima
GIOVAMBATTISTA Guillermo	ARGENTINA	Shin-nosuke TAKESHIMA	Jumonji University	Study of bovine major histocompatibility complex

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Medicine dentistry and pharmacy

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Fellow' name (FAMILY/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
TOBIAS Aurelio	SPAIN	Masahiro HASHIZUME	NAGASAKI UNIVERSITY	Health effects of climate change: time-series study using large-scale mortality data
ELKAFRAWY Sherif Aly Abdelkhalek	EGYPT	Wataru KAMITANI	Osaka University	Survey of the outbreak of MERS coronavirus in Middle East region
YANG Keming	UNITED KINGDOM	Tami SAITO	National Center for Geriatrics and Gerontology	A cross-national study aimed at preventing social isolation and loneliness among older adults
ANDERSON Matthew Peter	U.S.A.	Toru TAKUMI	RIKEN	Integrative analysis of autism models
SOARES Thereza Amelia	BRAZIL	Ryoma NAKAO	National Institute of Infectious Diseases	Outer Membrane Dynamics in Periodontopathic Bacteria Exposed to Membrane-acting Antibacterials.
GIRARD Olivier	FRANCE	Kazushige GOTO	Ritsumeikan University	Determination of physiological responses to sprint exercise in hypoxia under heat environment
HAHN Michael	U.S.A.	Yasushi ENOMOTO	University of Tsukuba	Classification of physical maturity and motor development with motion sensors and machine learning