

List of Fellows (FY2019 JSPS Invitational Fellowships for Research in Japan (First Recruitment of Long-term))

Humanities

The following list includes the names of the selected fellows, their host researchers and research themes under the FY2019 JSPS Invitational Fellowships for Research in Japan (First Recruitment of Long-term). Under this recruitment, 273 applicants were received, among which 60 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ANDUAGA EGANA Aitor Maria	SPAIN	Sho HAGIO	Tokyo University of Foreign Studies	Basque Catholic missionaries' influence on Japan's modern thought: S. Candau and global/local debate
SPLISGART Jacek Witold	POLAND	Hin KA	Tokyo Metropolitan University	The impact of development and preservation of traditional culture on promotion of tourism in Japan
JORDAN Peter David	UNITED KINGDOM	Hirofumi KATO	Hokkaido University	Neolithization trajectories in NE Asia and Hokkaido
GROSSMANN Eike Ursula	GERMANY	Reiko YAMANAKA	Hosei University	A historiographical and interdisciplinary study on the body, space and emotions in noh theatre
KIM Haewon	KOREA (REP. OF KOREA)	Yutaka FUJIOKA	Osaka University	Otani expeditions and Central Asian artifacts in the Otani collection
LU Xiqi	CHINA	Yukinobu ABE	Chuo University	Livelihood, Societies and Cultures of the Coastal People in East Asian History

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Social sciences

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MEDLIN Christopher John	AUSTRALIA	Woonho KIM	NIHON UNIVERSITY	Network capability development of Japanese small and medium-sized manufacturers
BUSKENS Vincent Willem	NETHERLANDS	Yoshimichi SATO	Tohoku University	Mechanisms for social network effects on trust and cooperation: Japan versus the Netherlands
SENZAKI COUGHLIN Sawa	JAPAN	Yuki SHIMIZU	SAITAMA UNIVERSITY	Neurophysiological development of moral evaluation in Japan and the U.S.
DARCY Shane Anthony	IRELAND	Kyo ARAI	Doshisha University	Identifying the Victims of the Crime of Aggression before the International Criminal Court
LATTAL Kennon Andy	U.S.A.	Hiroto OKOUCHI	Osaka Kyoiku University	Intermittent reinforcement of cooperation

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Mathematical and physical sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
GUILLOT Tristan Yves Nicolas	FRANCE	Masahiro IKOMA	The University of Tokyo	Probing Jupiter's Atmosphere, Interior Structure and Formation
HOUDAYER Cyril Jean-Pierre	FRANCE	Yasuyuki KAWAHIGASHI	The University of Tokyo	Structure and classification of von Neumann algebras: beyond the tracial setting
NARITA Yasuhito	JAPAN	Masahiro HOSHINO	The University of Tokyo	Observational test for Alfvén wave decay phenomenon in space plasma turbulence
KIM Yoonho	KOREA (REP. OF KOREA)	Shigeki TAKEUCHI	Kyoto University	Exploring the limits of quantum metrology and quantum-inspired metrology
NOVAK Mario	CROATIA	Akio KIMURA	Hiroshima University	In search for the spin-polarized bands in topological Dirac line-node semimetals
TURNER Matthew Simon	UNITED KINGDOM	Ryoichi YAMAMOTO	Kyoto University	Physics of living systems: self organisation across scales
ALGORA Alejandro	HUNGARY	Shunji NISHIMURA	RIKEN	Total absorption study of the decay of N=Z exotic nucleus ^{100}Sn
PAK Dmitriy Grigorevich	UZBEKISTAN	Takuya TSUKIOKA	BUKKYO UNIVERSITY	On microscopic vacuum structure in QCD and quantum gravity

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Chemistry

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LACOUR Jerome Jean lucien	FRANCE	Masahiro MURAKAMI	Kyoto University	Studies on Latent Carbene Species and Their Synthetic Applications
AVDEEV Maxium	AUSTRALIA	Masatomo YASHIMA	Tokyo Institute of Technology	Exploration of novel ion conductors by new combined method of theory & experiments, & the mechanism
NATARAJAN Srinivasan	INDIA	Hiroshi KITAGAWA	Kyoto University	Non-rare earth based compounds for Red, Green and Blue emission and inorganic pigments

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Engineering sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ADAM Micolich Paul	AUSTRALIA	Hiroyuki NOJI	The University of Tokyo	Nanowire transistor devices for single-molecule analysis of proton-pumping by biomolecular motors
ARAB HASSANI Faezeh	IRAN	Takao SOMEYA	The University of Tokyo	A bi-directional closed-loop implantable bladder system for a recovery of spinal cord injury
IIDA Fumiya	JAPAN	Yasuo KUNIYOSHI	The University of Tokyo	Development of an international collaborative framework on soft robotics research
TOURNIE Eric Henri	FRANCE	Yasuhiko ARAKAWA	The University of Tokyo	Integrated optoelectronics on Silicon
BANDINI Stefania	ITALY	Daichi YANAGISAWA	The University of Tokyo	Age-friendly Mobility and Walkability in Urban Scenarios
PICHLER Thomas	AUSTRIA	Kazutomo SUENAGA	National Institute of Advanced Industrial Science and Technology	Nano-scale electron spectroscopy with momentum-resolution to probe low-dimensional materials
XIAO Fei	CHINA	Takashi FUKUDA	Osaka University	Possibility of shape memory alloys as new refrigerant materials
GOLTZ James Dennis	U.S.A.	Katsuya YAMORI	Kyoto University	Human Behavioral Response to Earthquake Ground Motion:Using Data from "Did You Feel It?"
LALLART Mickael Maurice Pierre	FRANCE	Hiroyuki MIKI	Tohoku University	Novel electrical microgenerator system using multiphysic coupling and electroactive materials
MODREANU Mircea Gabriel	ROMANIA	Takashi TERANISHI	Okayama University	Novel ferroelectric interface enabling Li battery with ultrahigh power density
LIU Fucai	CHINA	Hideo HOSONO	Tokyo Institute of Technology	Exploring novel van der Waals electride In the two-dimension limit

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MISHRA Manoranjan	INDIA	Yuichiro NAGATSU	Tokyo University of Agriculture and Technology	Experiment and theory on interfacial hydrodynamics in reactive or partially miscible systems
MOLINO Paolo Giuseppe	AUSTRALIA	Shoji MARUO	Yokohama National University	3D printing of biomimetic surface presenting low biofouling and bactericidal properties
STEBNER Aaron Paul	U.S.A.	Koichi TSUCHIYA	National Institute for Materials Science	Microstructure-Property Relationship in Shape Memory Alloys Processed by Additive Manufacturing

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Informatics

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MALOD Guillaume	FRANCE	Francois LEGALL	Kyoto University	Understanding the power of arithmetic models of computation
CHASSAGNE Romain Louis	FRANCE	Claus ARANHA	University of Tsukuba	Heterogeneous Multi-Objective Evolutionary Algorithms for Improved CO2 Storage Monitoring
AHMADI Farzaneh	AUSTRALIA	Tomoki TODA	Nagoya University	Developing a bionic voice prosthesis to generate a natural voice for laryngectomy patients
M SHADI Mohamed	UNITED KINGDOM	Amane TAKEI	University of Miyazaki	Development of high-performance microwave - heat transfer coupled analysis based on parallel FEM

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Biological sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
TAN Can Ozan	TURKEY	Takafumi MAEDA	Kyushu University	Impact of environmental oxygen on human cerebrovascular and cognitive function
GUEROUI Zohar	FRANCE	Hirohide SAITO	Kyoto University	Examining phase transitions regulating RNA-protein granules in iPS cells
LEITNER David Martin	U.S.A.	Takahisa YAMATO	Nagoya University	Novel computational and experimental methods for studying protein dynamics and function
CHAPMAN Colin Austin	CANADA	Ikki MATSUDA	Chubu University	Reconstruction of socio-ecological model for folivorous primates

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Agriculture/Environmental sciences

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ALI Md. Saheb	BANGLADESH	Masamitsu YAMAGUCHI	Kyoto Institute of Technology	Identify factors for the switch from growth to metamorphosis
KITIN Peter Borissov	U.S.A.	Hisashi ABE	National Research and Development Agency Forest Research and Management Organization	Integrated wood anatomy, computer vision and chemical fingerprint identification of CITES wood
HAMDI Helmi	TUNISIA	Yasushi MORI	Okayama University	Bioremediation of oil-contaminated soil using dual characteristics of soil pore structure.
GUAN Leluo	CANADA	Yasuo KOBAYASHI	Hokkaido University	Improvement of health, growth and production by understanding and modulating animal gut microbiota
DWianto Wahyu	INDONESIA	Junji SUGIYAMA	Kyoto University	Softening behaviour and Viscoelastic Properties of Lignocellulosic Materials
JI Li	CHINA	Miki AKAMATSU	Kyoto University	Elucidation of human cytochrome P450-mediated metabolic mechanism of phosphorus flame retardants
GHAZY Nouredin Abuefadel Nouredin	EGYPT	Takeshi SUZUKI	Tokyo University of Agriculture and Technology	RNA interference as an alternative approach for controlling spider mite, Tetranychus urticae
DOULLAH Md.asad-ud	BANGLADESH	Ryo FUJIMOTO	Kobe University	Transcriptome analysis for identifying resistant genes against Albugo candida in Brassica rapa
HATTORI Ricardo Shohei	BRAZIL	Takashi SAKAMOTO	Tokyo University of Marine Science and Technology	Global warming, climate change, and abnormal temperature-induced reproductive disruption in fish
SZYPLowska Agnieszka	POLAND	Shin YAGIHARA	Tokai University	The application of the BDS methods for on-line monitoring of biological activity in various soils
GUPTA Dharmendra Kumar	INDIA	Masahiro INOUE	Ehime University	Development of phyto-remediation technology based on the heavy metal hyper- accumulator plants.

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Medicine dentistry and pharmacy

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
NAGY Peter	HUNGARY	Takaaki AKAIKE	Tohoku University	Redox signaling regulated by reactive sulfur species
KIM Chang-Yup	KOREA (REP. OF KOREA)	Hideki HASHIMOTO	The University of Tokyo	Agenda-setting for policies on health inequalities: Comparative analysis of Japan and Korea
SALANTI Georgia	GREECE	Toshiaki FURUKAWA	Kyoto University	Addressing within-study biases and publication bias in treatment rankings in network meta-analysis
TELEZHKIN Vsevolod	UNITED KINGDOM	Hitoshi NIWA	Osaka University	Rescuing from persistent pain caused by neurodegeneration disease: effect of Kv7 channel activation
PICHE Mathieu	CANADA	Fusao KATO	The Jikei University	Translation-aimed study on involvement of central emotional circuits in low back pain exacerbation