

List of Fellows (Invitation Fellowship Short-term FY2017): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2017 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 302 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2017.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ACOSTA-HUMANEZ Primitivo Belen	COLOMBIA	Kazuyuki YAGASAKI	Kyoto University	New Directions in Nonintegrability of Dynamical Systems Based on Differential Galois Theory
BELGRANO Andrea	ITALY	Michio KONDOH	Ryukoku University	Biodiversity and Ecosystem Services in Marine Ecosystems: A Global Perspective
BERTELSEN Rasmus Gjedsso	DENMARK	Akiho SHIBATA	Kobe University	The Role of Transnational Knowledge Networks in the Arctic Shipping Governance
BHARADWAJ Parimal Kanti	INDIA	Qiang XU	National Institute of Advanced Industrial Science and Technology	Study of high-performance materials for fuel desulfurization using porous metal-organic frameworks
BLANCH Ewan William	AUSTRALIA	Masashi UNNO	Saga University	Surface Enhanced Raman Optical Activity with Advanced Nano-materials
CARTA Giorgio	U.S.A.	Shuichi YAMAMOTO	Yamaguchi University	Development of bio-chromatography process evaluation methods
CHEN Yu-Wen	TAIWAN	Toshiyuki YOKOI	Tokyo Institute of Technology	Development of advanced catalyst process for producing basic chemicals from non-fossil resources
CHO Junghyun	U.S.A.	Shinji NOZAKI	The University of Electro-Communications	Hydrothermal Synthesis of Oxide Semiconductor Nanomaterials and Improvement by Post-UV Oxidation
DAS Bhabatosh	INDIA	Kiyoshi TAKEDA	Osaka University	Role of intestinal microorganisms in host commensalism
DEO Ravinesh Chand	AUSTRALIA	Junichi MURATA	Kyushu University	Decision support systems using big data analytics for utilization of renewable energy
DOONAN Christian	AUSTRALIA	Masahide TAKAHASHI	Osaka Prefecture University	Preparation and application of oriented film of metal-organic frameworks
DUBE Danny	CANADA	Hidetoshi YOKOO	Gunma University	Advances in Methods for Lossless Data Compression

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ELMARAKBI Ahmed Mohamed	UNITED KINGDOM	Sherif EL-SAFETY	National Institute for Materials Science	Lightweight Self-Healing Architected Graphene-based Nacre Nanolaminates(GRACE)
FRICKER Mark David	UNITED KINGDOM	Toshiyuki NAKAGAKI	Hokkaido University	Bio-inspired algorithms from adaptive biological network
GIORDANO Mario	ITALY	Shigeru OKADA	The University of Tokyo	Studies on basal metabolism of microalgae for production of useful metabolites
GIUSEPPE Bruno	ITALY	Atsuo SUZUKI	Nanzan University	Location Science and Its Applications for Better Social Welfare
GORDON John Cameron	U.S.A.	Susumu SAITO	Nagoya University	Transition metal-catalyzed reduction of biomass using hydrogen storage materials
GROSS Zeev	ISRAEL	Hiroyuki FURUTA	Kyushu University	Metallcorrole Catalysts for Human Health and Green Energy
GUSEV Vitali	FRANCE	Oliver bernard WRIGHT	Hokkaido University	Sound velocity profiling in transparent materials with picosecond ultrasonics using a novel geometry
HAARMANN-STEMMANN Thomas	GERMANY	Motoki NAKAMURA	NAGOYA CITY UNIVERSITY	Aryl hydrocarbon receptor-dependent expression and role of ald-keto reductase 1C3 in psoriasis
HAOJIN Zhu	CHINA	Nei KATO	Tohoku University	Secure and High Efficient Spectrum Sensing and Management towards 5G Communications
HUNTER Martha Stark	U.S.A.	Tetsuya ADACHI	University of Miyazaki	Study on the role of symbionts in biological control
IONESCU Ioan Romeo	FRANCE	Koji UENISHI	The University of Tokyo	Three-Dimensional Rupture Development in Solids in View of Multi-Scale Physics and Applied Mechanics
KAIL Peter James Edward	UNITED KINGDOM	Kengo MIYAZONO	Hiroshima University	Naturalism and Moral Sentimentalism in David Hume's Philosophy

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KASPI Yohai	ISRAEL	Hisashi NAKAMURA	The University of Tokyo	Interactive eddy-jetstream systems in the extratropical atmospheres of the Earth and other planets
KIM Seong-Lyun	KOREA (REP. OF KOREA)	Koji YAMAMOTO	Kyoto University	Radio Resource Management and Optimization in mmWave Mobile Systems
KONER Subratanath	INDIA	Hiroshi KITAGAWA	Kyoto University	NMR diffusion studies on porous metal-organic frameworks
LANDRY Christian R	CANADA	Nozomu YACHIE	The University of Tokyo	Next generation tools for the dissection of protein interactomes
LE Hoa Thanh	VIET NAM	Takeshi AGATSUMA	KOCHI UNIVERSITY	Studies on food-borne parasitic zoonosis in Vietnam
LE LAY Guy	FRANCE	Yukiko YAMADA- TAKAMURA	JAIST	Future prospects of elemental two-dimensional materials beyond graphene
LEHAV Yaron	ISRAEL	Ryuichiro ISHIKAWA	Waseda University	Construction of behavioral model for experimental asset markets
LEROI Iracema	NETHERLANDS	Taro SUGIHARA	Okayama University	An international technology roadmap of assistive technologies for dementia care
LLOYD-JONES Guy C.	UNITED KINGDOM	Kenichiro ITAMI	Nagoya University	New Devices and Methods for In situ Mechanistic Study and Applications in Couplings and Catalysis
LONG De-Liang	UNITED KINGDOM	Ryo TSUNASHIMA	Yamaguchi University	Exploring interaction of mixed-valence state with molecular motion in polyoxometalate-based solid
MAHANTA Pinakeswar	INDIA	Yoshinori ITAYA	Gifu University	Non-Slag Type of High Temperature Co-Gasification Process of Biomass and Low Rank Coal
MALFATTI Luca	ITALY	Yasuaki TOKUDOME	Osaka Prefecture University	Development of nanocarbon composites for novel functional properties

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MARCHIONI Eric	FRANCE	Yumiko YOSHIE	TOYO UNIVERSITY	Finding out bioactive compounds from foods and development of its rapid-online analysis by HPLC
MATUZEVIICIUTE KEEN Giedre Motuzaitė	LITHUANIA	Yoshihiro NISHIAKI	The University of Tokyo	Bioarchaeological research of the origins and development of food production in Central Asia
MATYSSEK Rainer	GERMANY	Makoto WATANABE	Tokyo University of Agriculture and Technology	Ecophysiological responses of mature Japanese forest trees to changing atmospheric environment
MUNIZ Manuel Antonio	SPAIN	Akihiko NAKANO	RIKEN	Protein sorting upon exit from the endoplasmic reticulum
MUSCHEL Ruth Josephine	UNITED KINGDOM	Hiroshi HARADA	Kyoto University	Molecular Mechanisms Underlying Radioresistance and Distant Tumor Metastasis of Cancer Cells
NARITA Yasuhito	JAPAN	Masahiro HOSHINO	The University of Tokyo	Wave turbulence and particle acceleration observed in the solar wind
NOMBELA-ARRIETA Cesar	SPAIN	Hitoshi TAKIZAWA	Kumamoto University	Impact of gut inflammation to hematopoietic stem and progenitor cells
OBERT Mathias Ulrich Florian	GERMANY	Toru TANI	Ritsumeikan University	Phenomenology and Japanese Garden
ODINTSOV Sergei Dmitrievich	RUSSIA FEDERATION	Shin'ichi NOJIRI	Nagoya University	Inflation and dark energy from extended gravity
OKULOV Valery Leonidovich	RUSSIA FEDERATION	Yasuhide FUKUMOTO	Kyushu University	Retrospect and developments of Japanese achievements in rotor aerodynamics for novel wind turbine
PAGANELLI Maria Pia	ITALY	Shinji NOHARA	The University of Tokyo	Joint Research of Adam Smith and Spread British Ideas to East Asia
PAOLUZZI Luisa	ITALY	Makoto SAKUMA	Hiroshima University	Symmetries of knots and related topics in 3-dimensional topology

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PAPKOVSKI Dmitri Borisovitch	IRELAND	Eiji TAKAHASHI	Saga University	Oxygen bioimaging in cells
PARIS Matteo	ITALY	Akio FUJIWARA	Osaka University	Geometric foundations of quantum estimation
PARRENAS Rhacel Salazar	U.S.A.	Kayoko ISHII	Rikkyo University	Philippine Caer Workers in Japan
PARRISH Jay Z	U.S.A.	Kazuo EMOTO	The University of Tokyo	Comprehensive analysis of gene expression in single neurons by a novel RNAseq technology
PING Jinsong	CHINA	Koji MATSUMOTO	National Institutes of Natural Sciences	Lunar ranging for dynamical studies and navigation in the Earth-Moon system
PRICE Martin	UNITED KINGDOM	Kenichi UENO	University of Tsukuba	Interdisciplinary promotions of mountain studies and UNESCO/Biosphere Reserves in Japan
PUTKARADZE Vakhtang	U.S.A.	Takashi HIKIHARA	Kyoto University	Applications of nonlinear dynamics and its geometric methods
SABATE CURULL Flocel	SPAIN	Junko KUME	Tokyo University of Foreign Studies	History of the Crown of Aragon in the interdisciplinary studies of the medieval Mediterranean world
SANTAMBROGIO Gabriele	ITALY	Masahiko ICHIHASHI	Toyota Technological Institute	Elucidation of reaction mechanism on metal clusters by using cryogenic spectroscopy
SCHAEDE Ulrike	GERMANY	Masato SASAKI	Hitotsubashi University	Open Innovation and CVC in Japan
SCHREINER Peter Ricard	GERMANY	Takahiko AKIYAMA	Gakushuin University	Discover of novel acid catalysts taking advantage of dispersion interactions
SENTHILKUMARAN Balasubramanian	INDIA	Hirohiko KAGAWA	University of Miyazaki	Studies on physiological roles of saccus vasculosus and glass eel production in the Japanese eel

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SHAH Kavita	U.S.A.	Shinichi HISANAGA	Tokyo Metropolitan University	Drug discovery in Alzheimer's disease and cancer using Chemical Biology
SHIM Hyung Bo	KOREA (REP. OF KOREA)	Toshiharu SUGIE	Kyoto University	Distributed cooperative control of heterogeneous multiagent systems and its application
SIMBLET Sarah	UNITED KINGDOM	Mitsuhiro KAWATA	BUKKYO UNIVERSITY	Comparative analysis of human anatomy in school and university education in UK and Japan
SMID Scott Darry	AUSTRALIA	Ryuji KATO	Nagoya University	Development of Super-efficient Screening Technology for Neural Cell Regulatory Natural Products
STARYKH Oleg Alexandrovich	U.S.A.	Akira FURUSAKI	RIKEN	Theoretical study of frustrated quantum magnets
SWANSON Geoffrey Todd	U.S.A.	Yasushi SHIGERI	National Institute of Advanced Industrial Science and Technology	Elucidation of aberrant glutamate receptor signaling implicated in many pathological conditions
SZILAGYI Petra Agota	HUNGARY	Takashi IJIMA	National Institute of Advanced Industrial Science and Technology	Understanding properties of nanoclusters controlled by geometry and surface chemistry
TAJBAKSHH Shahragim	FRANCE	Fumio MATSUZAKI	RIKEN	Study of organ maintenance and regeneration by tissue stem cells
TAN Sheldon	U.S.A.	Takashi SATO	Kyoto University	Cross-layer Reliability-aware Design and Optimization for VLSI Systems
THESLEFF Irma Paula Nathalia Nee Saxen	FINLAND	Sachiko ISEKI	Tokyo Medical and Dental University	Innovation of new research scheme by integration of researches on tooth and craniofacial development
TIWANANTHAGORN Saruda	THAILAND	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Genomic analysis of bovine Babesia parasites
TORRELLES Jose-Maria	SPAIN	Hiroshi IMAI	Kagoshima University	Exploration of direct tracking techniques for rapid evolution of interstellar regions

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TUINIER Remco	NETHERLANDS	Takashi TANIGUCHI	Kyoto University	Study on dynamic depletion effect in colloid and polymer dispersion systems
VALLS MIRO Jaime	SPAIN	Takamitsu MATSUBARA	Nara Institute of Science and Technology	Assistive robotic mobility for the promotion of healthy ageing and improved quality of life
VALLURI Prashant	INDIA	Yasuyuki TAKATA	Kyushu University	Thermocapillary Instabilities of Sessile Droplet under Localized Heating
VEIGE Adam Steven	CANADA	Yasuyuki TEZUKA	Tokyo Institute of Technology	Precision Designing of Cyclic Polymers for Innovative Soft Materials
WALLER Frank	GERMANY	Shinjiro OGITA	Prefectural University of Hiroshima	Utilization of endophytic Sebaciniales fungi to enhance growth and stress resistance of bamboo plants
WANG Cong	CHINA	Hiroyuki MATSUURA	The University of Tokyo	Fine microstructure control of steel weld part by the application of non-metallic particles
XIANG Qing	U.S.A.	Koji MOMIHARA	Kumamoto University	A multidimensional approach toward solving the existence problem of Hadamard matrices
ZWOLINSKI Peggy	FRANCE	Yoshiki SHIMOMURA	Tokyo Metropolitan University	Industrial Systems for Circular Economy Scenarios