

List of Fellows (FY2022 Invitational Fellowships for Research in Japan (First Recruitment of Short-term))

Humanities

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2022 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 112 applicants were received, among which 50 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ROE Nicholas Hugh	UNITED KINGDOM	Kazuyoshi OISHI	The University of Tokyo	Historical Context and Politics of Benevolence, Sympathy, and Philanthropy in English Romanticism
CAMPBELL Stuart Angus	UNITED KINGDOM	Osamu MAEDA	University of Tsukuba	Exchange and communication in prehistoric West Asia: obsidian provenancing using pXRF
RAZ Aviad	ISRAEL	Jusaku MINARI	Kyoto University	Public Views on Genomic Research: Social and Ethical Aspects

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Social sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ALVAREZ Kerby Clado	PHILIPPINES	Toru NAKANISHI	The University of Tokyo	The COVID-19 Pandemic as an Environmental Crisis: The Experience of the Philippines and Japan
MUKAI Gary	U.S.A.	Hideto FUKUDOME	The University of Tokyo	Enhancement of U.S.-Japan Cultural Exchange Based on International and Cross-Cultural Education
FAROUQUE Mohammad Golam	BANGLADESH	Nina TAKASHINO	Ritsumeikan University	Revitalizing Crop Insurance Policy in Bangladesh: Lessons learn from Japan
MASING Johannes	GERMANY	Hidemi SUZUKI	KEIO UNIVERSITY	Interpretation of Fundamental Rights in the Era of Globalization: Theory and Practice
SERGUNIN Alexander	RUSSIA FEDERATION	Akiho SHIBATA	Kobe University	Russian and Japanese Arctic science diplomacies: comparative analysis and prospects for cooperation
DANDROY Régis	BELGIUM	Yosuke SUNAHARA	Kobe University	Electronic voting in Japan: A comparative analysis of its impact on voting behaviour
EL SABBAGH Mayada	CANADA	Atsushi SENJU	National University Corporation, Hamamatsu University School of Medicine	Japan-Canada collaboration on new method development for large-scale cohort study (Quebec 1000)
OEDL-WIESER Theresia	AUSTRIA	Yukiko OTOMO	Jumonji University	Comparative Study on Gender Equality of Family Farming toward Sustainable Development
THAMBURAJ Robinson	INDIA	Makoto KOBAYASHI	Tsukuba University of Technology	Developing a programming education tool for visually impaired junior students using 3-D models

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Mathematical and physical sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MARIOTTI Davide	ITALY	Vladimir SVRCEK	National Institute of Advanced Industrial Science and Technology	Integration 2D nanostructures hybrid organo-halide perovskite devices
JALOWITZKI Tiago Luis reis	BRAZIL	Hirochika SUMINO	The University of Tokyo	Depth profile of mantle heterogeneity traced by noble gases in Brazilian superdeep diamonds
BOSNJAK Zeljka Marija	CROATIA	Kunihito IOKA	Kyoto University	Theoretical Modeling of Very High-Energy Emission from Gamma-Ray Bursts
MOROZ Vitaly	UNITED KINGDOM	Yoshitsugu KABEYA	Osaka Prefecture University	Choquard type problems on spherical domains
MCINTOSH Ian Robert	AUSTRALIA	Martin GUEST	Waseda University	Harmonic maps into noncompact symmetric spaces : new examples related to parabolic Higgs bundles
STAIKU Vasile	PORTUGAL	Goro AKAGI	Tohoku University	Quantitative analysis of solutions to partial differential equations with degeneracy and singularity
FAULKNER Daniel	UNITED KINGDOM	Takehiro HIROSE	Japan Agency for Marine-earth Science and Technology	Effect of repeated faulting on fracture energy in the earthquake rupture processes
CHELTSOV Ivan	UNITED KINGDOM	Takashi KISHIMOTO	SAITAMA UNIVERSITY	Equivariant birational geometry of toric Fano fourfolds

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Chemistry

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
WANG Xisheng	CHINA	Keiji MARUOKA	Kyoto University	Development of Nickel-Catalyzed Reductive Cross-Coupling Fluoroalkylations
BOHAC Peter	SLOVAKIA	Ryo SASAI	Shimane University	Water Purification by Photogenerated Singlet Oxygen of Phthalocyanine/Surfactant/Clay Hybrid
MARDER Todd B	GERMANY	Shigehiro YAMAGUCHI	Nagoya University	Boron-containing pi-Electron Systems for Fluorescence Imaging
INOUE Takanari	JAPAN	Hirohide SAITO	Kyoto University	Developing a novel RNA-based method to achieve chemically inducible dimerization

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Engineering sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
PANDA Emila	INDIA	Ryo MAEZONO	Japan Advanced Institute of Science and Technology	Computational search for smart radiation device with doped elements and substrate materials
PENNYCOOK Stephen John	UNITED KINGDOM	Yuichi IKUHARA	The University of Tokyo	Direct observation of local atomic structure using high-angle annular dark-field
GAN Thian Yew	CANADA	Taikan OKI	The University of Tokyo	The impact of climate change on precipitation extremes across North America and Asia
HWANG Ing-shouh	TAIWAN	Koji TAKAHASHI	Kyushu University	Molecular-Scale Experiments for Solid-Liquid Interfaces and Its Application to Thermal Engineering
KUMAR Vishwanathan	INDIA	Isaku KANNO	Kobe University	Lead-free piezoelectric nanotube thin films and their vibration energy harvesting applications
TIAN Zhiting	U.S.A.	Junichiro SHIOMI	The University of Tokyo	Identifying phonon dispersion relations by x-ray thermal diffusion scattering and machine learning
TAN Kwek tze	SINGAPORE	Toshio OGASAWARA	Tokyo University of Agriculture and Technology	Designing composite adhesive joints using bioinspirational concepts and machine learning algorithms
LEE Yeon-ui	KOREA (REP. OF KOREA)	Sile NIC CHORMAIC	Okinawa Institute of Science and Technology Graduate University	Metamaterial assisted optical nanoscopy
SCHIBLI Thomas Richard	SWITZERLAND	Kaoru MINOSHIMA	The University of Electro-Communications	Timing synchronization of two-color optical frequency combs for entangled photon pair detection
RUIZ-TORRES Alex Jesus	U.S.A.	Shunichi OHMORI	Waseda University	Product Service Systems Considering Digitization, Sustainability, and Resilience
PERNICE Raffaele	ITALY	Tetsuya YAGUCHI	Waseda University	Regenerative Design Methodologies for the coastal cities in the age of Climate Change

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BLUMENFELD Raphael	ISRAEL	Takashi MATSUSHIMA	University of Tsukuba	Upgrading statistical mechanics theory of complicated granular matter
PALTRINIERI Nicola	ITALY	Ana maria CRUZ	Kyoto University	Disaster risk assessment and monitoring to promote resilience of safety-critical industry

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Informatics

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
SUI Yulei	CHINA	Jianjun ZHAO	Kyushu University	Deep-Learning-Based Code Embedding to Improve Software Quality and Reliability
NANDY Anup	INDIA	Katsumi WATANABE	Waseda University	Ensemble Learning Approach to understand Cognitive-Movement Relationship
TEATHER Robert John	CANADA	Kiyoshi KIYOKAWA	Nara Institute of Science and Technology	Development of Mid-air Shape-Changing Haptic Device using a Drone

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Biological sciences

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FARINA Walter Marcelo	ARGENTINA	Hiroyuki AI	Fukuoka University	Elucidation of the releaser for waggle dance-following behaviors by using PER conditioning

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Agriculture/Environmental sciences

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CAMPBELL Hugh Roberts	NEW ZEALAND	Hiroshi ISODA	Kyushu University	Food Regime Approach to Reorganization of International Agro-Food Relations under the Mega EPAs
INPANKAEW Tawin	THAILAND	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Molecular survey of bovine tick-borne diseases in Thailand and establishment of control strategy
MAJI Pradip Kumar	INDIA	Yoshikuni TERAMOTO	Kyoto University	Creating cellulosic liquid crystal microspheres for smart coating with anti-counterfeiting
DALZIEL Anne Cecilia	CANADA	Makoto KUSAKABE	National University Corporation Shizuoka University	Freshwater adaptability in euryhaline fish - Understanding of osmoregulation from the genetic basis

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Medicine dentistry and pharmacy

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RADOSEVICH Alexander Thomas	U.S.A.	Motomu KANAI	The University of Tokyo	Main group catalysis based on reversible redox property of phosphorous
BERKHOUT Benjamin	NETHERLANDS	Yohei YOKOBAYASHI	Okinawa Institute of Science and Technology Graduate University	Controlling HIV-targeting lentiviral vector by a riboswitch
LEUCHT Stefan Michael	GERMANY	Toshiaki FURUKAWA	Kyoto University	Meta-epidemiological research on blinding in randomized trials of antipsychotics
ZHANG Lei	AUSTRALIA	Akio INUI	Kagoshima University	Translational research on Kampo medicine with an emphasis on frailty
MICHELS Karin Brigitte	U.S.A.	Naho MORISAKI	National Center for Child Health and Development	Placental Epigenetic Changes in relation to undernutrition among Japanese pregnant women