

List of Fellows (FY2022 Invitational Fellowship 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 2nd recruitment of FY2022 JSPS Invitational Fellowship for Research in Japan (Short-term). Under this recruitment, 125 applicants were received, among which 55 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MCCLARY Richard Piran	UNITED KINGDOM	Tomoko MASUYA	The University of Tokyo	Lajvardina Wares: A Study of Medieval Iranian Ceramics in Japanese Collections
MUALEM Shlomy	ISRAEL	Masahiro SHIDA	The University of Tokyo	Maimonides and Dogen Zenji: A Comparative Study of their Work, Religion and Philosophy
THOMAS Julia Adeney	U.S.A.	Rohan D'SOUZA	Kyoto University	Framing the Anthropocene in Japan and India
LIN Ming sum	CHINA	Keiko TSUCHIYA	Yokohama City University	Developing automatic speech scoring system for English learners: a multimodal approach
ZANGWILL Nick	UNITED KINGDOM	Takuro ONISHI	Kyoto University	International joint research on explanation in logic
SAHIN Hamdi	TURKEY	Takashi FUJII	Kyoto University	Demography of Korykos in Rough Cilicia during the Roman Imperial Period
AMAR Abhishek Singh	INDIA	Taiken KYUMA	Mie University	An interdisciplinary study of Bodhgaya

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Social sciences

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KESSLER Francis	FRANCE	Yumiko KUWAMURA	Tohoku University	Comparative study on the framework of collective bargaining and representation for platform workers
MORING Beatrice Katy Elisabeth	FINLAND	Motoyasu TAKAHASHI	Ehime University	Trust and communities appeared in small financial organizations in the period of the transition
HESSELS Roy Sebastiaan	NETHERLANDS	Atsushi SENJU	National University Corporation, Hamamatsu University School of Medicine	Exploring cultural diversity in naturalistic social gaze with Innovative wearable eye-trackers
HA Yoo jung	KOREA (REP. OF KOREA)	Hitoshi MITSUHASHI	Waseda University	Organizational resource reallocation after stigmatized events
GIOFRE David	ITALY	Yoshifumi IKEDA	Joetsu University of Education	The relationship between working memory and higher order cognitive abilities: A cross cultural study
SAINJU Karla johanna Dhungana	CANADA	Jiro TAKAI	Nagoya University	#Ijime: A Machine Learning & Qualitative Study of Japanese Bullying-Related Discourse on Twitter
SANJUAN Maria del mar Roca	SPAIN	Mamoru OONUKE	Aichi Prefectural University	Research on teaching methods of plural-lingual education through Lesson Study
SRINIVAS Sri nidhi	U.S.A.	Ken SAKAI	Tohoku University	Management Challenges and Solutions for NGOs: International Joint Research on NGOs in Tohoku

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Mathematical and physical sciences

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WYSE Rosemary F. g.	U.S.A.	Masashi CHIBA	Tohoku University	Near-field cosmology: exploring galaxy formation and dark matter in the local Universe
MEI Ming	CANADA	Shinya NISHIBATA	Tokyo Institute of Technology	Large-time behavior of subsonic solutions to the Euler-Poisson equations for semiconductors
HUBER Christian	SWITZERLAND	Atsushi TORAMARU	Kyushu University	Long-term prediction of volcanic eruption by simulation of magma chamber and analysis of materials
VUTHA Amar Chandra	CANADA	Yoshiro TAKAHASHI	Kyoto University	Creating entangled states in atom arrays for enhanced precision measurements
CAYAO DIAZ Jorge luis	SWEDEN	Yukio TANAKA	Nagoya University	Odd-frequency spin-polarized Cooper pairs in superconductor-semiconductor systems
GARG Umesh	U.S.A.	Hiroyoshi SAKURAI	RIKEN	Study for incompressibility of neutron-rich nuclei

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Chemistry

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PAIE Petra	ITALY	Keisuke GODA	The University of Tokyo	Ultrafast three-dimensional optofluidic imaging
RIVARD Eric	CANADA	Makoto YAMASHITA	Nagoya University	Materials chemistry explored by organo-main-group element species
JENKINS Samantha	UNITED KINGDOM	Sergei MANZHOS	Tokyo Institute of Technology	Development of next generation electron density based mechanistic analyses of functional materials
ELLIS-DAVIES Graham	U.S.A.	Manabu ABE	Hiroshima University	International Collaboration for Development of Near-Infrared Two-Photon Sensitive Compounds
BACK Michele	ITALY	Takayuki NAKANISHI	National Institute for Materials Science	Developing Efficient Bismuth-based Phosphors for Contactless Nano-thermometry

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Engineering sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
LI Jia	CHINA	Kuniaki KONISHI	The University of Tokyo	Ultrafast carrier dynamics in organic phototransistor devices
FAN Xin	U S A	Takahiro MORIYAMA	Kyoto University	Omnidirectional spin control using spin-current conversion in ferro/antiferromagnet heterostructures
MALAEB Walid	LEBANON	Masaki KOBAYASHI	The University of Tokyo	Observation of the interface states in superconductor/ferromagnet heterostructures by ARPES
MIRABBOS Hojamberdiev	UZBEKISTAN	Nobuhiro MATSUSHITA	Tokyo Institute of Technology	Enhancement of Photocatalytic Activity of Oxynitride Perovskites by Plasmonic Metal Nitrides
TOMASZEK Tomasz Robert	POLAND	Yasufumi UEKITA	University of Tsukuba	Damage Reconstruction of Cultural Property Buildings at Geopolitical Risk in Eastern Europe
JIAO Pengcheng	CHINA	Hidemi MUTSUDA	Hiroshima University	Mechanical Dielectric Metamaterials for Energy Harvesting in Ocean Engineering
JEONG Ji Hwan	KOREA (REP OF KOREA)	Takahiko MIYAZAKI	Kyushu University	Multi-scale energy transfer analysis for carbon-neutral air conditioning technologies
PRASAD Manepalli Jagannadha nageswara vara	INDIA	Naoki TAKATA	Nagoya University	Multi-functionalities of additive-manufactured metals produced by composite-structured coating
ROBINSON Christopher Thomas	U S A	Kozo WATANABE	Ehime University	Habitat suitability modelling utilizing selective loci information of stream insects
JAYARAM Archana	INDIA	Masaru SHIMOMURA	National University Corporation Shizuoka University	Development of molybdenum disulfide material optimized for thermoelectric conversion
MALLANTS Dirk F	BELGIUM	Akihito MOCHIZUKI	Japan Atomic Energy Agency	Optimisation of in-situ tracer tests in fractured rock using simulation modelling

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Informatics

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SILVA DO MONTE LIMA Joao Paulo	BRAZIL	Diego THOMAS	Kyushu University	Multi-Camera 3D Pedestrian Detection with Domain Adaptation and Generalization
CHATTOPADHYAY Anupam	INDIA	Takashi SATO	Kyoto University	Exploring quantum compilers for NISQ-era quantum computers

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Biological sciences

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RAJAPAKSE Rajapakse gedara sanath Chaminda	SRI LANKA	Katsueki OGIWARA	Hokkaido University	Studies on the role of proteases involved in fish fertilization.
CAMERON Christopher Banks	CANADA	Kunifumi TAGAWA	Hiroshima University	Hemichordate extracellular secreted structures and the evolution of the Ambulacraria
EBERL Daniel Florian	U.S.A.	Azusa KAMIKOUCHI	Nagoya University	Identification of the specific Serotonin receptors which influence mosquito hearing
GREGER Ingo	AUSTRIA	Yasunori HAYASHI	Kyoto University	Visualization and manipulation of synaptic glutamate receptor subdomains

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Agriculture/Environmental sciences

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JELESKO John Gene	U.S.A.	Hideki MORI	National Research and Development Agency Forest Research and Management Organization	Development of genomic resources of poison ivy in Japanese and North American forests
SCHREIBER Lukas Alexander	GERMANY	Mikio NAKAZONO	Nagoya University	Cell wall microstructure of the radial oxygen loss barrier for waterlogging tolerance in plants
MOTELICA-HEINO Mikael Stefan	FRANCE	Hideyuki INUI	Kobe University	Biogeochemical pathways of PFAS in the rhizospheric soil of Cucurbitaceae plants under PTTE stress
MASAKORALA Kanaji	SRI LANKA	Roumiana TSENKOVA	Kobe University	Applied Aquaphotomics for Selection of Iron Toxicity tolerant Rice Varieties
KARANIS Panagiotis	GREECE	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Molecular surveillance of cryptosporidiosis and establishment of its control measures in Japan
BATTSETSEG Badgar	MONGOLIA	Naoaki YOKOYAMA	Obihiro University of Agriculture and Veterinary Medicine	Isolation of Babesia and Theileria for developing serodiagnostic methods for equine piroplasmosis
MOJID Mohammed Abdul	BANGLADESH	Hideki MIYAMOTO	Saga University	Integrated IoT platform designed for predicting rainfall-induced landslide disaster

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Medicine dentistry and pharmacy

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TENG Nai-chia	TAIWAN	Toshinori ANDO	Hiroshima University	Analysis of the effects of Heat-not-Burn tobacco on oral cancer
JOHNSON Glen D	U.S.A.	Tomoki NAKAYA	Tohoku University	Spatio-temporal Comparison of Covid-19 Dynamics between the USA and Japan
TOBIAS Aurelio	SPAIN	Chris fook sheng NG	The University of Tokyo	Transboundary Air Pollution and Health: Europe Reference Method for Epidemiology Study in East Asia
WEERACHAI Saijyuntha	THAILAND	Takeshi AGATSUMA	KOCHI UNIVERSITY	International collaborative study on Opisthorchis and opisthorchiasis in Thailand.
MADHANI Melanie	UNITED KINGDOM	Takaaki AKAIKE	Tohoku University	Nitric oxide signaling regulated by reactive sulfur species