

List of Fellows (FY2023 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 FY2023 JSPS Invitational Fellowships for Research in Japan (Short-term). Under this recruitment, 169 applicants were received, among which 70 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
EISEN Cliff	U.S.A.	Takashi NUMAGUCHI	Tokyo University of the Arts	W.A. Mozart-Studies and Japanese Musicology
DENISON Rayna	UNITED KINGDOM	Akiko SUGAWA	Yokohama National University	International Research on Anime Exhibitions in Museums: Socio-cultural Approaches
PAUL Laurie Ann	U.S.A.	Kengo MIYAZONO	Hokkaido University	Transformative Experience and Small Experience: A Philosophical Study of Japanese Gardens
SALGUERO Christopher Pierce	U.S.A.	Edward DROTT	Sophia University	Buddhism and Wellbeing in Contemporary Japan
DUTEIL-OGATA Fabienne	FRANCE	Atsushi MIURA	SAITAMA UNIVERSITY	Anthropological study on individuality expressed in SNS pictures posted by Japanese students
SHENG Yimin	CHINA	Takashi MATSUE	Kyoto University	Mechanisms of Diachronic Change in Chinese Interrogative Pronouns

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Social sciences

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HATIN Bianca	UNITED KINGDOM	Machia OKUBO	Senshu University	Collisions and texting-while-walking: Cultural Differences in Laterality and Navigation
LEUSTEAN Lucian	UNITED KINGDOM	Kimitaka MATSUZATO	The University of Tokyo	Forced Displacement, Religious Diplomacy and Human Security in Eastern Europe and Central Eurasia
BURDIN Gabriel	URUGUAY	Ryo KAMBAYASHI	Hitotsubashi University	Long-Hour Working and Labor Management Communication
DESEATNICOV Ivan	MOLDOVA	Kyoji FUKAO	Hitotsubashi University	Economic Impact of Technological Decoupling
SEO Kyung Wook	KOREA (REP. OF KOREA)	Tsuyoshi KIGAWA	Wakayama University	Space Modelling for Decentralised Post-COVID-19 Tourism in Japan
DUGAR Subhasish.	INDIA	Kenju KAMEI	KEIO UNIVERSITY	Intra-Group Pay Differentials and Productivity: Experimental Research
LO Ho fu des	U.S.A.	Hideo OWAN	Waseda University	Examining optimal organizational design in a knowledge-based economy with environmental uncertainty
KIPPING Matthias	CANADA	Takafumi KUROSAWA	Kyoto University	Methodological Synthesis of Industry History and Industrial Studies
STIVERS Adam Ware	U.S.A.	Hirofumi HASHIMOTO	Osaka Metropolitan University	A Cross-cultural Comparison of Preferences for Control in Socially Interdependent Relationships

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Mathematical and physical sciences

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MARCENAT Christophe	FRANCE	Yoshimitsu KOHAMA	The University of Tokyo	Development of a thermal property measurement technique and its application under extreme conditions
VOUTIER Eric	FRANCE	Toshimi SUDA	Tohoku University	Low-energy electron scattering for charge radius of proton and short-lived exotic nuclei
ODINTSOV Sergey Shikalova	SPAIN	Shin'ichi NOJIRI	Nagoya University	Universe evolution from extended gravity: unifying inflation with dark energy
SZAMEL Grzegorz	U.S.A.	Shin-ichi SASA	Kyoto University	Stochastic thermodynamics of active matter
SCHAFFHAUSER Florent	FRANCE	Martin GUEST	Waseda University	Orbifold, logarithmic, and wild fundamental groups
ANDREANI Paola Michela	ITALY	Yusuke MIYAMOTO	Fukui University of Technology	Dust/gas thermal decoupling in the ISM and the implication for the stellar IMF
BERNHARD Joan Marlowe	U.S.A.	Hidetaka NOMAKI	Japan Agency for Marine-earth Science and Technology	Insights on the sub-cellular functioning of foraminifera
GRIGORI Rozenblioum	SWEDEN	Yoshihisa MIYANISHI	Shinshu University	Spectral Theory of Integral Operators
XU Sheng	UNITED KINGDOM	Yuji SANO	KOCHI UNIVERSITY	Study on collision tectonics by volatile element isotopes

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Chemistry

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DUZDEVICH Daniel	U.S.A.	Tony z JIA	Tokyo Institute of Technology	Studying the origin of life via biomolecular RNA chemistry by deep sequencing
WANG Yanbin	CHINA	Hideo OHKITA	Kyoto University	Quaternary Blend Polymer Solar Cells with Wide-Band Light harvesting
DESTARAC Mathias	FRANCE	Hiroharu AJIRO	Nara Institute of Science and Technology	Novel polymer materials from precise polymerization of acycli N-vinylamide monomers
KAY Christopher William michael	UNITED KINGDOM	Yasuhiro KOBORI	Kobe University	Pulsed EPR study on singlet fission at room temperature for application to maser
MADSEN Lars Bojer	DENMARK	Yuya MORIMOTO	RIKEN	Scattering of attosecond electron beams by atoms and molecules
KONIG Burkhard	GERMANY	Takahiko AKIYAMA	Gakushuin University	Development of Novel Catalyst System Combining Photocatalysis and Chiral Bronsted Acid Catalysis
DESAULNIERS Jean-paul	CANADA	Tatsuo OKAUCHI	Kyushu Institute of Technology	Synthesis and development of hydrophobic backbone-modified short interfering RNAs
JACOBSEN Eric Niels	U.S.A.	Naoki ISHIDA	Kyoto University	Merger of Organocatalyst, Photocatalyst, and Transition Metal Catalyst

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Engineering sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
EZEMA Fabian Ifeanyichukwu	NIGERIA	Mutsumi SUGIYAMA	Tokyo University of Science	Solution processable and Scalable Earth Abundant Chalcogenide Thin Films
PROOST Joris	BELGIUM	Kuniaki MURASE	Kyoto University	Joint Development of Novel Macro-porous Ni-based Electrodes for Electrochemical Hydrogen Production
ZHANG Xuehua	CHINA	Koji TAKAHASHI	Kyushu University	Physics of nanoscale gas and liquid phases near solid-liquid interfaces and their applications
CUI Tianhong	CHINA	Fumihito ARAI	The University of Tokyo	Design of Basis of Milli-Micro-Nano Scaled Robotic Systems
NUNES LOURENCO Sergio duarte	PORTUGAL	Satoshi NISHIMURA	Hokkaido University	Mechanical behaviour of soils with polymeric microcapsules
KUO Chin-hsing	TAIWAN	Yukio TAKEDA	Tokyo Institute of Technology	Gravity compensation technology for assistive device/robot innovation
GUO Limin	CHINA	Shintaro IDA	Kumamoto University	Development of CO ₂ hydrogenation catalyst using Co ₃ O ₄ /In ₂ O ₃ and Co/In alloys system.
GOUSSEV Vitali	FRANCE	Osamu MATSUDA	Hokkaido University	Gigahertz optoacoustic nanowire-to-nanowire surface acoustic wave excitation and detection
NAMMALVAR Gopalakrishnan	INDIA	Madan NIRAULA	Nagoya Institute of Technology	An attempt to realize p-type beta-gallium oxide by magnesium oxide doping
GORDON Reuven	CANADA	Sile NIC CHORMAIC	Okinawa Institute of Science and Technology Graduate University	Plasmonic trapping of individual submicron particles
LEONG David Tai wei	SINGAPORE	Katsuhiko ARIGA	National Institute for Materials Science	Self-assembling cancer vasculature basement membrane proteins at the liquid-liquid interface

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SIMONETTI Francesco	ITALY	Takahiro HAYASHI	Osaka University	Super-resolution ultrasonic imaging for in-process inspection of additive manufacturing objects
ISLAM Shekh md mahmudul	BANGLADESH	Takuya SAKAMOTO	Kyoto University	Noncontact Blood Pressure Monitoring Using Mathematical Modeling and Independent Component Analysis
AISSA Sonia	CANADA	Hidekazu MURATA	Yamaguchi University	Empirical study on the application of RIS to terminal collaborated MIMO communication
LEE Christopher H. t.	CHINA	Akira CHIBA	Tokyo Institute of Technology	Investigation of novel structures in bearingless motors
HUOT Jacques	CANADA	Kaveh EDALATI	Kyushu University	High-entropy alloys for hydrogen storage at room temperature: thermodynamic and activation aspects
MUKHERJEE Shaibal	INDIA	Than htay MYO	Shinshu University	2D MoS2 Integrated Transition Metal Oxide-based Memristor for Medical Image Processing
KUMSR Mukesh	INDIA	Motofumi SUZUKI	Kyoto University	Feasibility study of gallium oxide based solar blind photodetector

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Informatics

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LOURI Ahmed	U.S.A.	Yusheng JI	Research Organization of Information and Systems	Holistic Architecture Design of Machine Learning Accelerators for Graph Neural Networks
ZHAO Liang	CHINA	Zhi LIU	The University of Electro-Communications	GREEN: Intelligent Green Vehicular Edge Computing
YOSHIDA Nobuko	JAPAN	Shoji YUEN	Nagoya University	Timed software systems and programming languages based on multiparty session protocols
ROSSMAN Benjamin Evan	U.S.A.	Kenichi KAWARABAYASHI	Research Organization of Information and Systems	Graph invariants that capture the complexity of subgraph isomorphism problems

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Biological sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MARSALA Martin	U.S.A.	Haruhisa INOUE	Kyoto University	Promotion of international joint research integrating regenerative medicine and gene therapy

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Agriculture/Environmental sciences

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ERRA-BALSELLS Rosa	ARGENTINA	Hiroshi WADA	Ehime University	Direct analysis of organelle metabolisms using cell metabolomics and 13C tracer
LIU Mingming	CHINA	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Genomic survey on tick-borne diseases of yaks in Tibet and establishment of control strategy
KIM Eung-soo	KOREA (REP. OF KOREA)	Kenji ARAKAWA	Hiroshima University	Awakening and refactoring of actinomycetes antibiotic biosynthetic gene cluster
PASCUAL Unai	SPAIN	Hiroe ISHIHARA	The University of Tokyo	Assessing diverse and plural values of Biodiversity
SORK Victoria Louise	U.S.A.	Teruyoshi NAGAMITSU	National Research and Development Agency Forest Research and Management Organization	Genomic and epigenetic approaches to plastic and evolutionary adaptation of oak trees
PANDA Sanjib Kumar	INDIA	Hiroyuki KOYAMA	Gifu University	Molecular understanding of ROS resistance in stress tolerant mechanisms
LEE Jae-seong	KOREA (REP. OF KOREA)	Yoshitaka SAKAKURA	NAGASAKI UNIVERSITY	Effects of neurotoxic chemicals on behavior and microbiome in fishes
POPESCU Carmen-mihaela	ROMANIA	Miyuki MATSUO-UEDA	Kyoto University	Depth profiling of naturally aged wood from surface to inside

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Medicine dentistry and pharmacy

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RICHARDSON Des R	AUSTRALIA	Shinya TOYOKUNI	Nagoya University	Development of novel, redox active anti-tumor agents for the treatment of multiple cancers
PAL Kaushik	INDIA	Makiya NISHIKAWA	Tokyo University of Science	Exploration of photosensitizer loaded core-shell nanostructures for cancer therapeutics
MASUCCI Maria Grazia	SWEDEN	Misako YONEDA	The University of Tokyo	Analysis of Nipah virus pathogenicity via host ubiquitin proteasome system
HAFALLA Julius Clemence r.	UNITED KINGDOM	Katsuyuki YUI	NAGASAKI UNIVERSITY	Basic and field studies on the maintenance of malaria immune memory
WYON Matthew	UNITED KINGDOM	Mayumi MIZUMURA	Ochanomizu University	Comparative research between Japan and UK in dancer's physical and training characteristics
DIXON Darren J	UNITED KINGDOM	Tetsuhiro NEMOTO	Chiba University	New Broad Scope Strategies for Amine and Complex natural Product Synthesis
MAGAL Pierre	FRANCE	Hiroshi NISHIURA	Kyoto University	Collaborative research on infectious disease data analysis using an age-structured model