The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2024 JSPS Invitational Fellowships for Research in Japan (Short-term). Under this recruitment, 322 applicants were received, among which 75 fellowships were awarded.

Humanities

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
SHOBE Hunter William	U.S.A.	Tomoya HANIBUCHI	Kyoto University	Creating a Cultural Atlas in Japanese cities and its international comparison
TOSTOES Ana	PORTUGAL	Kengo HAYASHI	The University of Tokyo	Responsive Architecture to Climate and Culture: Towards a Global History of Modern Architecture
TZOHAR Roy	ISRAEL	Nobuyoshi YAMABE	Waseda University	Asvaghosa's Sectarian Affiliation and His Link to the Indian Yogacara School
LEE Tsung-Ling	TAIWAN	Tsutomu SAWAI	Hiroshima University	Towards a transformative rights-based policy on health data governance
FLETCHER Robert Stephen Gray	UNITED KINGDOM	Miki SUGIURA	Hosei University	Co-constructive Dimensions in Japanese Entry into Interwar British East Africa
UDDIN Nasir	BANGLADESH	Yuki SHIOZAKI	University of Shizuoka	Commmunities of Rohingya Refugees and Network of Islamic Education
TRAISNEL Christophe	FRANCE	Noriyuki NISHIYAMA	Kyoto University	Place of minority francophones in the francophonie

Social sciences

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
GOVINDARAJAN Usharani Hareesh	INDIA	Daiju NARITA	The University of Tokyo	Integrating Machine Learning with Econometrics: A Cross-Disciplinary Approach to Data Analysis
FESTRE Agnes	FRANCE	Nobuyuki HANAKI	Osaka University	Comparing self-declared surveys and experimental measures of trust and social capital
BURNETT Kimberly Michi	U.S.A.	Akira HIBIKI	Tohoku University	Improving labor market outcomes for fisheries in Minamisanriku
MORLING Beth Ann	U.S.A.	Yuri MIYAMOTO	Hitotsubashi University	Culture and Song Lyrics: Influence, Adjustment, and Mixed Emotions
PINEDA Pedro	GERMANY	Masaaki KATSUNO	The University of Tokyo	Political Ideologies and Pedagogies Framing Social Conflict Treatment in Textbooks
RICHARDSON Jennifer Casey	U.S.A.	Yoshiko GODA	K iimamoto I iniversity	Educational Professionals for Quality Assurance of Education in Japanese Higher Education
STULHOFER Aleksandar	CROATIA	Yuko HIGASHI	Osaka Metropolitan University	Dyadic Mixed Method Assessment of Successful Sexual Aging
HIRATA Koji	JAPAN	Jun KAJIMA	KEIO UNIVERSITY	China's trade with Japan during the planned economy period
GRECO Luis	GERMANY	Shin MATSUZAWA	Waseda University	Study on the Singularity of Criminal Punishment
WILDER Jenny	SWEDEN	Sachiyo ISHIDA	I hiba I hiversity	International Proposals on the School Environment for Neurodiversity and Quality Education
PO Chung Yam	UNITED KINGDOM	Ryo IKEDA	I I ODOKII I I DIVERSITV	China and Japan in International Fisheries Exhibitions at the Turn of the Twentieth Century

Mathematical and physical sciences

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
WADSLEY James	CANADA	Shigeru IDA	Tokyo Institute of Technology	Simulations of the formation of planetesimals
BARKANA Rennan	ISRAEL	Naoki YOSHIDA	The University of Tokyo	Observational cosmology using hydrogen 21cm line
HANANY Shaul	U.S.A.	Tomotake MATSUMURA	The University of Tokyo	Exploration towards the precision CMB polarimetry for the physics of early Universe
ABARJI Snejana I	U.S.A.	Yasuhide FUKUMOTO	Kyushu University	Instability of velocity/density interface and noncanonical turbulence of compressible fluids
BAGARELLO Fabio	ITALY	Naomichi HATANO	The University of Tokyo	Discovery of series of solvable models in non-Hermitian quantum mechanics
KRUZIK Martin	CZECH	Karel SVADLENKA	Tokyo Metropolitan University	Variational models of inhomogeneous solid materials with internal structure
SEREBRYANNIKOV Andriy	UKRAINE	Yosuke NAKATA	Osaka University	Topological wave localization in metamaterials: single and collective effects and their interplay
GUILLAS Serge Etienne	FRANCE	Takemasa MIYOSHI	RIKEN	Uncertainty Quantification at the exascale
VUTHA Amar Chandra	CANADA	Yoshiro TAKAHASHI	Kyoto University	Ultracold Laser-cooled Atom Approach for Search for New Physics Beyond Standard Model

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Chemistry

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MOHAMED BESISA Hanan Hussein Amin	EGYPT	Hiroshi ONISHI	Kobe University	Operando spectroscopy to reveal reaction kinetics on metal-free photocatalysts
ZUO Zhiwei	CHINA	Keiji MARUOKA	K voto University	Development of Chemo- & Stereoselective Radical Reactions by New Chiral Organocatalysts
FORBES Malcolm Donald Elder	U.S.A.	Yasuhiro KOBORI	Kobe University	Dynamic nuclear quantum sensing in biology using spin correlated radical pair model
CHENG Quan Jason	U.S.A.	Takeaki OZAWA	The University of Tokyo	Development of optical imaging techniques to decipher biomolecular interactions on cell membranes
BONIFAZI Davide	II AL Y	Shigehiro YAMAGUCHI	Nagoya University	Functions of Multi-Element-Doped pi-Electron Materials

Engineering sciences(page 1 of 2)

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
SALVARANI Francesco	ITALY	Shigeru TAKATA	Kyoto University	Foundation of kinetic theory for polyatomic ideal gas and related issues
XU Wenwu	U.S.A.	Motomichi KOYAMA	Tohoku University	Atomistic Studies of Grain Boundary Hydrogen Embrittlement in Pure Metal Iron
HU Hui	U.S.A.	Taro IMAMURA	The University of Tokyo	Basic research on icing prediction and ice prevention for aircraft
CUI Tianhong	CHINA	Fumihito ARAI	The University of Tokyo	Design of Basis of Milli-Micro-Nano Scaled Robotic Systems
ZHONG Chen	CHINA	Fuko NAKAI	Nagova Institute of Lechnology	Unveiling Social Segregation and Inequality in the Disaster Recovery Using Mobile Positioning Data
LI Wengui	CHINA	Ippei MARUAYAMA	LINE UNIVERSITY OF LOKVO	Self-sensing concrete: Unveiling multiscale interactions between hybrid nanofillers and matrix
CASTEL Arnaud Laurent	FRANCE	Yasutaka SAGAWA	Kyushu University	Design of performance-based test of chloride diffusion and steel corrosion in geopolymer concrete
KRASHENINNIKOV Arkady	RUSSIA FEDERATION	Kazutomo SUENAGA		Prediction and experimental realization of novel 2D materials sandwiched between graphene sheets
PEREBEINOS Vasili	U.S.A.	Shigeo MARUYAMA	The University of Tokyo	Exciton behavior in 1D heterostructures based on single-walled CNTs
AKBARI Hashem	U.S.A.	Hideki TAKEBAYASHI	Kobe University	Study on Strategies for Adaptation Measures to Extreme High Temperatures in Urban Areas
ZAN Mohd Saiful Dzulkefly Bin	MALAYSIA	Yosuke TANAKA		International joint study on high-speed, high-spatial-resolution Brillouin distributed fiber sensor

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
CEBRIAN RAMOS Manuel	SPAIN	Tomomi KITO	Waseda University	Empowering Citizens for Large Language Model Safety: A Japan-Focused Initiative
JOLY Laurent	FRANCE	Yasutaka YAMAGUCHI	Usaka University	Molecular Dynamics of the thermocapillary flow by the temperature gradient on the solid surface
GAO Peifeng	CHINA	Yoshinori YANAGISAWA,	RIKEN	Intelligent self-protecting ultra-high-field HTS magnets design
BHARGAVA Suresh Kumar	AUSTRALIA	Kazunari DOMEN	Shinshu University	Activation of photocatalysts for green hydrogen production by controlling cocatalyst nanostructures
DOLEZ Patricia	CANADA	Kaoru WAKATSUKI	Shinchii I niversity	Evaluation of Tensile Strength of Protective Clothing with High-Performance Fibers against UV Light.
ABDELHALIM Ibrahim	ISRAEL	Tadaaki NAGA()		Cooperative Research on the Adaptive Organic-Inorganic Nanomaterials and their Infrared Devices
MAO Zhiqiang	U.S.A.	Yong CHEN	Tohoku University	Discover and understanding of novel topological quantum states
FAUSTINI Marco	ITALY	Kenji OKADA	Osaka Metropolitan University	Photonic sensors based on oriented films of microporous materials

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Informatics

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
EL ALI Abdallah	NETHERLANDS	Kiyoshi KIYOKAWA		Investigating Haptic Feedback and Avatar Representations for Enhancing Shared Virtual Co-Embodiment
QIAN Kun	CHINA	Yoshiharu YAMAMOTO	The University of Tokyo	Explainable Deep Learning for Longitudinal Biomedical Signal Analysis and Healthcare Application
TOH Chai Keong	SINGAPORE	Manabu TSUKADA	The University of Tokyo	Communications and AI Convergence in Smart Transportation Systems
HONG Danfeng	CHINA	Naoto YOKOYA	The University of Tokyo	Multimodal Remote Sensing Foundation Models for Disaster Damage Mapping
GOWRISHANKAR Ganesh	INDIA	Michiteru KITAZAKI	Toyohashi University of Technology	Visual augmentation based on natural visuomotor behavior
WANG Kezhi	CHINA	Celimuge WU	The University of Electro- Communications	Generative AI-empowered Semantic Communications for Large-volume Image Transmission in Vehicular IoT
LEE Pyoung Jik	UNITED KINGDOM	Takumi ASAKURA	Tokyo University of Science	Assessing urban soundscape in courtyards and streets: Bridging the bap between perception and design

Biological sciences

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
YUAN Qi	CANADA	Takuya SASAKI	I ohoku University	Characterizing norepinephrine dynamics in a pretangle tau rat model with GRAB sensor imaging
GRZYWACZ Beata	POLAND	Haruki TATSUTA	Kyushu University	Evolutionary process of chromosomal variations focusing on interstitial telomeric repeats
SENGUPTA Piali	U.S.A.	Kazushige TOUHARA	The University of Tokyo	Characterization of a novel gut chemoreceptor
SCHRAIDT Oliver Alexander	GERMANY	Oleg SITSEL	land Lechnology Graduate	The ultrastructural signature of coral-algae endosymbiosis characterized by cryoelectron tomography

Agriculture/Environmental sciences

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
DERBALAH Aly Soliman Hamed	EGYPT	Kazuhiko TAKEDA	Hiroshima University	Advanced remediation technologies of pesticides residues in wastewater with nanotechnology
PLAIN Caroline Christiane Catherine	FRANCE	Masako DANNOURA	Kyoto University	Improving our knowledge of the methane budget of forest ecosystems in a changing world
KABIR Muhammad Rezaul	BANGLADESH	Hirokazu HANDA	K voto Prefectural L niversity	Study of resistance evaluation and resistant gene isolation for wheat blast resistance breeding
DELUCCHI Luca	ITALY	Nobusuke IWASAKI	Tottori University	Development rural area investigation methods using DigiAgriApp and Free Satellite image
BUMDUUREN Tuvshintulga	MONGOLIA	Naoaki	Agriculture and Veterinary	Isolation and characterization of a newly discovered, highly pathogenic bovine Babesia parasite
WYBOUW Nicky Roger	BELGIUM		v 1	Unraveling the tripartite interaction among insect, insect manipulating bacteria, and their phages.
LIU Zehua	CHINA	Koji HARADA	Kyoto University	Crosstalk between PFAS exposure and natural estrogen metabolisms and their environmental burdens
GUO Zhongwu	CHINA	Hiromune ANDO	Gifu University	Study on the behavior of GPI anchor in the cell membrane and its biological function
YANG Yu	CHINA	Yuki TOBIMATSU	INVOID UNIVERSITY	International Collaboration for Understanding Lignin Transformation into Soil Organic Matter

Medicine dentistry and pharmacy

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
JAKOBSSON UEDA Peter Ichiro Bjorn	SWEDEN	Shuhei NOMURA	KEIO UNIVERSITY	Determinants of singlehood, romantic interest, and sexual experience in Japanese adults
MULLER Sylviane	FRANCE	Tsuneyasu KAISHO	Wakayama Medical University	Elucidation of molecules involved in autoimmune diseases and development of therapeutic agents
VENKATESWARAN Kasthuri	U.S.A.	Fumito MARUYAMA	Hiroshima University	Real-time Monitoring of Microbial Diversity and Burden in Space Station Environments
CHEN Yau-Hung	TAIWAN	Tao-sheng LI	NAGASAKI UNIVERSITY	Therapeutic resistance acquisition using zebrafish xenograft tumor model