

List of Fellows (FY2025 Invitational Fellowships 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 FY2025 JSPS Invitational Fellowships for Research in Japan (Short-term). Under this recruitment, 382 applicants were received, among which 75 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
DELAPLACE Gregory	FRANCE	Ippei SHIMAMURA	National Institutes for the Humanities	Collaborative Research on the invisibles in East Eurasia
WELTER Albert Franklin	U.S.A.	Mikiyasu YANAGI	The University of Tokyo	In Search of Zen Studies: New perspectives on Myoan Eisai's Buddhist Revival in Kamakura Japan
ELSHAYEB Yasser Mahmoud Mohamed	EGYPT	Wakako KUMAKURA	KEIO UNIVERSITY	Scholarly Approaches to Archiving the Cultural Heritage of Historic Cairo
DIJKSTRA Anne Margarethe	NETHERLANDS	Mikihito TANAKA	Waseda University	Quality science journalism compared
KABEER Naila	UNITED KINGDOM	Tamaki ENDO	Waseda University	Well-being economy and gender equality in the era of polycrisis
PRICE Melissa Renae	U.S.A.	Akito YASUDA	Kyushu University	Comparative Studies on Wildlife Management and Endangered Species Conservation in Japan and Hawaii

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Social sciences

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PARK Eerang	KOREA (REP. OF KOREA)	Timo THELEN	Kanazawa University	Regenerative tourism: a path from foodways to post-disaster recovery in Noto
STORZ Cornelia	GERMANY	Yaichi AOSHIMA	Hitotsubashi University	Strategic change and green innovation
KANERO Junko	JAPAN	Michiko ASANO	The University of Tokyo	Impact of Culture and Aging on Memory: Beyond East vs. West
LEE Lynn	U.S.A.	Maiko ICHIHARA	Hitotsubashi University	Democracy Support in the Trump Era: Analysis of Partial Success Factors and New Strategies
BARONE Pascal	FRANCE	Katsumi WATANABE	Waseda University	Research on Hierarchical Categorization of Faces
WALLIN Gabriel Alexander Eduardo	SWEDEN	Kensuke OKADA	The University of Tokyo	A latent variable model framework for large-scale online psychometrics resilient to response bias
NECKEL Sighard Joachim	GERMANY	Carola HOMMERICH	Sophia University	Climate Change and Climate Emotions in Japan
ZELNYUK Valentin	AUSTRALIA	Hideyuki MIZOBUCHI	Doshisha University	Productivity analysis on health sector: International comparison based on DEA and SFA
MATSUDA Kei	JAPAN	Yasuko OKANO	Kobe University	Cognitive Engagement in the Writing Process of Second Language Learners
IRWIN Rita Louise	CANADA	Koichi KASAHARA	Tokyo Gakugei University	Developing Teacher Training Program for Inquiry-Based Art Education through A/r/tography

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Mathematical and physical sciences

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ZANK Gary P	U.S.A.	Shuichi MATSUKIYO	Kyushu University	Elucidating the Role of Solar Wind Turbulence - Shock Interactions in Cosmic Ray Acceleration
SOROOSHIAN Armin	U.S.A.	Makoto KOIKE	The University of Tokyo	Advancing a research agenda into aerosol-cloud interactions:From observations to process elucidation
GUO Zhengguang	CHINA	Yoshiyuki KAGEI	Institute of Science Tokyo	Mathematical Analysis of fluid dynamical equations
WAHL Georg Peter	GERMANY	Tetsuo HANAGURI	RIKEN	Advancing scanning tunneling microscopy techniques for quantum materials research
CASTELLA Francesc	SPAIN	Shinichi KOBAYASHI	Kyushu University	Equivariant BSD conjecture and the development of Iwasawa Theory
ORSOLINI Yvan Joseph	BELGIUM	Hisashi NAKAMURA	The University of Tokyo	Impact of recent midlatitude marine heatwaves on troposphere-stratosphere coupled variability
BISWAS Soumyajyoti	INDIA	Takahiro HATANO	The University of Osaka	Earthquake hazard estimate based on statistical indices
PETTES Michael Thompson	U.S.A.	Koichiro YAJI	National Institute for Materials Science	Isotopic Effects in HfTe5;; Probing New Topological Phases through Spin-ARPES
NUTMAN Allen Phillip	AUSTRALIA	Kumar M SATISH	Niigata University	Exploring early Earth evolution and biosphere via a Greenland rock archive donated to Japan
LOMAKIN Vitaliy	U.S.A.	Anton BOLYACHKIN	National Institute for Materials Science	Advanced Micromagnetic Simulations

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Chemistry

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XIONG Ren-Gen	CHINA	Sadafumi NISHIHARA	Hiroshima University	Development of molecular ferroelectrics from material design to application
WEIGAND Jan J.	GERMANY	Takahiro SASAMORI	University of Tsukuba	Precise Molecular Design with Heavier Main Group pi-Systems for Molecule Transformations
ZHANG Xiaoli	CHINA	Shen YE	Tohoku University	Profiling characteristic species in CO2 transformation by operando vibrational spectroscopy
NAM Wonwoo	KOREA (REP. OF KOREA)	Takahiko KOJIMA	University of Tsukuba	Development of metal complexes mimicking metalloenzymes toward highly selective oxidation reactions
RAY Kallol	GERMANY	Takashi HAYASHI	The University of Osaka	Design of Biohybrid Metallocatalysts and Spectroscopic Evaluation of Catalytically Active Species
GABBAI Francois P.	FRANCE	Shigehiro YAMAGUCHI	Nagoya University	New Design Strategy for Environment-Responsive Emissive Boron-Containing pi-Electron Materials
VINU Ajayan	INDIA	Susumu KITAGAWA	Kyoto University	Functionalized Carbon Nitride Nanostructures for Clean Energy Generation

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Engineering sciences (Page 1 of 2)

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LU Nanshu	CHINA	Gentiane VENTURE	The University of Tokyo	From Perception to Action: Human-Aware Tactile Sensing for Physical Human-Robot Interaction
XIAO Jianzhuang	CHINA	Takafumi NOGUCHI	The University of Tokyo	Mechanism for improving recyclability of concrete through regulation of interfacial transition zone
CHOI Yong Kyoo	KOREA (REP. OF KOREA)	Hirokazu MASAI	National Institute of Advanced Industrial Science and Technology	Deciphering kinetics of elastic and plastic macrodeformations of glass induced by ion exchange
MARKIDES Christos	CYPRUS	Shoji MORI	Kyushu University	Heat and Flow Mechanisms in Ultra-Thin Films Revealed by Simultaneous Thermal and Flow Visualization
CHEN Zhigang	CHINA	Junichiro SHIOMI	The University of Tokyo	Hybrid thermoelectric composites with hierarchical nanostructures and defect-engineered interfaces
TALLAR Robby Yussac	INDONESIA	Kazumi OGAWA	Aichi Shukutoku University	Integrating Socio-Anthropogenic Aspects for Flood Mitigation in Remote Islands and Coastal Areas
ASTUTI Widi	INDONESIA	Atsushi SHIBAYAMA	Akita University	Development of eco-friendly leaching process for the rare earth recovery from ion-adsorbed ore
SARTOR Fulvio	ITALY	Andrea SANSICA	Japan Aerospace Exploration Agency	Advancing Stall Prediction: Numerical Methods for Enhanced Understanding and Accuracy
SHAN Jinjun	CANADA	Toru NAMERIKAWA	KEIO UNIVERSITY	Theory and Applications of Next-Generation Intelligent and Adaptive Autonomous Systems
PANDEY Daya Shankar	INDIA	Masakazu YAMAGISHI	National Institute of Technology, Toyama College	Development of Z-scheme photocatalytic system using BODIPY with a powerful BSVLA
CHEN Boshan	CHINA	Yuji KOETAKA	Kyoto University	Development of seismic structural systems using reused high-strength steel for zero emissions

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BIN A RASHID Ahmad Safuan	MALAYSIA	Naoki SAKAI	National Research Institute for Earth Science and Disaster Prevention	Numerical Modeling Validation of Rainfall Thresholds for Landslide in the Kuala Lumpur Area
NAJAFI Mohammad Reza	CANADA	Nobuhito MORI	Kyoto University	Multivariate statistical approach for coastal flooding damage considering climate change
LOEW Robert Franz	GERMANY	Sile NIC CHORMAIC	Okinawa Institute of Science and Technology Graduate University	Integrated Source of Non-Classical Light in Rydberg Micro-Cells
GOOYA Ali	UNITED KINGDOM	Yoshitaka MASUTANI	Tohoku University	Personalised tumour growth modelling by using multimodal MRI and PINNs

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Informatics

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CHEKOL Melisachew Wudage	GERMANY	Ryutaro ICHISE	Institute of Science Tokyo	Leveraging Generative Models for Dynamic Causal Knowledge Graph Construction
LEONARD Naomi Ehrich	U.S.A.	Hideaki ISHII	The University of Tokyo	Control Theoretic Approach to Multi-Layer Networks: Coupled Model of Epidemics and Opinion Dynamics
ZHOU Liang	CHINA	Zhi LIU	The University of Electro-Communications	Adaptive cross-modal transmission of audio-visual-haptic signal streams
JE Seungwoo	KOREA (REP. OF KOREA)	Hyunjung KIM	The University of Tokyo	Integrating Haptics, VR, and Avatar Operation for the Next Generation of Teleoperation Interfaces
BALL Tonio	GERMANY	Mihoko OTAKE	RIKEN	Understanding neurophysiological basis of MCI and dementia prediction
DUONG Steven Dung	AUSTRALIA	Junji SHIKATA	Yokohama National University	A New Framework for Advanced Cryptography Secure against Quantum Computers

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Biological sciences

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HELLENTHAL Garrett	UNITED KINGDOM	Yosuke KAWAI	National Center for Global Health and Medicine	Genetic analyses of Japanese population using modern and ancient genome information
LEVET Florian	FRANCE	Misa ARIZONO	Kyoto University	Nanoscale mapping of molecular landscape at tripartite synapses
PANCHENKO Anna	U.S.A.	Shoji TAKADA	Kyoto University	Towards a Unified Model of Chromatin Fiber: Bridging Simulations and Experiments

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Agriculture/Environmental sciences

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ISLAM Kazi Kamrul	BANGLADESH	Kimihiko HYAKUMURA	Kyushu University	Developing climate-smart agroforestry models across Asia: Contribution to sustainable development
ALONSO-GONZALEZ Esteban	SPAIN	Makoto KOBAYASHI	Hokkaido University	Improving snowpack numerical simulations in Hokkaido forests using ensemble based data assimilation
ZHOU Jianpeng	U.S.A.	Tian YUAN	University of Tsukuba	Exploring New Approach for Sewage Sludge Dewatering to Advance Resource Recovery in Japan
PANDHAL Jagroop	UNITED KINGDOM	Iwane SUZUKI	University of Tsukuba	Co-culture systems of photosynthetic microbes to build a sustainable manufacturing future
JAISI Deb	U.S.A.	Takuya ISHIDA	Hiroshima University	Transformative method to measure isotopes of organophosphorus compounds using Orbitrap mass analysis
ROQUES Jonathan Armand Charles	FRANCE	Tomonori KINDAICHI	Hiroshima University	Innovative nitrogen removal using marine anammox bacteria in recirculating aquaculture systems
ISLAM Mohammad Aminul	BANGLADESH	Masahide NISHIBORI	Hiroshima University	Comprehensive study of production-related genes and gut microbiota in Asian native chickens in Asia
LLORENS GARCIA Maria Pilar	SPAIN	Kazuki NANKO	Tokyo University of Agriculture and Technology	Water movement in forest: From canopy to subsurface
SHAN Libo	U.S.A.	Yusuke SAIJO	Nara Institute of Science and Technology	Elucidation and application of plant immune regulation under water- and nutrient-stress conditions
WIMALARATHNE Hewage Dilhan Anuradha	SRI LANKA	Noritoshi KAWATE	Osaka Metropolitan University	Roles of INSL3 and its signaling pathways in bovine oocyte maturation and embryonic development
FERNANDEZ Salvador Llado	SPAIN	Tetsuhiro WATANABE	Kyoto University	Evaluation of Soil Health under Different Land Management Practices

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Medicine dentistry and pharmacy

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PAUL Richard Edward Leslie	UNITED KINGDOM	Fumihiko MATSUDA	Kyoto University	Emerging threat of Severe Fever with Thrombocytopenia Syndrome and Japanese Spotted Fever in Japan
BILGIN Ayten	TURKEY	Tomohiro NAKAO	Kyushu University	Associations between bed-sharing and infant sleep, postpartum depression, and bonding in Japan
MAGNUSSEN Costan	AUSTRALIA	Tetsuhiro KIDOKORO	Nippon Sport Science University	Addressing Fitness Inequality in Childhood: A Longitudinal Life-Course Analysis
MANDONNET Emmanuel	FRANCE	Riki MATSUMOTO	Kyoto University	Innovative minimally invasive mapping of epileptogenic networks by axono-cortical evoked potential
PINCHEIRA Patricio Miranda	CHILE	Yasuhide YOSHITAKE	Shinshu University	AI-Driven 3D Ultrasound for Simultaneous Analysis of Muscle Architecture and Neuromuscular Control
CANTERO RECASENS Gerard	SPAIN	Yuki OHKAWA	Osaka International Cancer Institute	Unveiling Glycan's Role in Renal Proximal Tubule Diseases: From Biomarker to Therapeutic Development
JAGER Edwin Willem Harm	NETHERLANDS	Hiroshi KAMIOKA	Okayama University	Development of biodevices for mechanical stimulation in of living organ