

List of Fellows (FY2024 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 FY2024 JSPS Invitational Fellowships for Research in Japan (Short-term). Under this recruitment, 270 applicants were received, among which 85 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
BEN HOUNET Yazid	FRANCE	Shoko WATANABE	The University of Tokyo	Toward an Anthropology of Cultures of Reparation: North Africa and East Asia Compared
KIM Ronald I	U.S.A.	Masato KOBAYASHI	The University of Tokyo	Distribution of morphosyntactic features in Modern Iranian Languages
SEMOGLOU Athanasios	GREECE	Tomoyuki MASUDA	Waseda University	New Developments in Late Byzantine Art and Comparative Religious Art
POSTOUTENKO Kirill	RUSSIA FEDERATION	Naoto YAGI	Waseda University	Soviet Nationalities Policy, Post-Soviet Chauvinism, and Russian Invasion of Ukraine.
VAN RUYMBEKE Bertrand	FRANCE	Shuichi WANIBUCHI	MEIJI UNIVERSITY	The Reception of the American Revolution in Enlightenment and Revolutionary France (1760s-1790s)
FRICKER Miranda	UNITED KINGDOM	Kunimasa SATO	Ibaraki University	Transformative Injustice: Testimony and the Ethics of Flourishing as Self-Making Subjects

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Social sciences

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AHN Paul Daeseung	UNITED KINGDOM	Kosuke MATSUOKA	Tohoku Gakuin University	The effects of neoliberalism on management accounting practices in Japan
TYRAN Jean-Robert	SWITZERLAND	Kenju KAMEI	KEIO UNIVERSITY	Civic Engagement and Accountability: Experimental Research
SAAL David Stephan	U.S.A.	Takuya URAKAMI	Kindai University	Empirical studies of wide-area consolidation and PPPs for water supply and sewerage industry
RIBY Deborah	UNITED KINGDOM	Masahiro HIRAI	Nagoya University	A Cross-cultural Study of Social Cognition of Williams Syndrome and Autism Spectrum Disorders
ERNST Wolfgang	GERMANY	Takeshi SASAKI	Kyoto University	Achievements and tasks of Roman Law Research in Europe
ROBERTS Heather	AUSTRALIA	Carol LAWSON	The University of Tokyo	Japan's Judiciary in Transition: Diversity and Inclusion in Action
STEINER-KHAMSI Gita	U.S.A.	Keiichi OGAWA	Kobe University	Analysis of Japanese Education Policy as Policy Darling of World Bank and as Policy Orphan of OECD
IQBAL Naved	INDIA	Hiroshi YAMA	Osaka Metropolitan University	Well-being and religion in India: Culturally and religiously universal or specific?
RESICK Patricia Ann	U.S.A.	Masaya ITO	National Center of Neurology and Psychiatry	National implementation of cognitive processing therapy for Posttraumatic Stress Disorders
NISA Eva Fahrun	INDONESIA	Ken MIICHI	Waseda University	Reimagining and mainstreaming Islamic cultural economy in Indonesia and Malaysia
RAMANI Vinay	INDIA	Atsushi OHYAMA	Hitotsubashi University	Research on Product Life-cycle and Industry Dynamics
WANG Zhi	U.S.A.	Bo MENG	Institute of Developing Economies, Japan External Trade Organization	Measuring Global Value Chains: Considering Firm Ownership and Size

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Mathematical and physical sciences

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NIKOUBASHMAN Arash	GERMANY	Miho YANAGISAWA	The University of Tokyo	Cooperative effects of confinement size and molecular polydispersity on phase separation
ACHAMVEEDU Gopakumar	INDIA	Keitaro TAKAHASHI	Kumamoto University	Nano-Hertz Gravitational Wave Astronomy by Pulsar Timing Array
SANTANDER SYRO Andres Felipe	FRANCE	Kyoko ISHIZAKA	The University of Tokyo	Investigation of novel quasi 1-dimensional charge-density-wave topological phase
HUANG Yi	CHINA	Tohru OZAWA	Waseda University	Harmonic Analysis and Partial Differential Equations
FAENZI Daniele	ITALY	Masahiko YOSHINAGA	Osaka University	Algebraic-geometric study of logarithmic vector fields of discriminantal hypersurfaces
ABBES Ahmed	FRANCE	Takeshi TSUJI	The University of Tokyo	Torsor of liftings, twisted Higgs bundles and the p-adic Simpson correspondence
RAYMOND Vivien	FRANCE	Soichiro MORISAKI	The University of Tokyo	Fast gravitational-wave localisation with deep learning for multi-messenger astronomy
ERSEK Vasile	ROMANIA	Ryu UEMURA	Nagoya University	Fluid Inclusions in Stalagmites as Windows into Climate Variability in Crete
GRIPAIS Ben	UNITED KINGDOM	Thomas MELIA	The University of Tokyo	Classifying the Space of Quantum Field Theory
CHELTSOV Ivan	UNITED KINGDOM	Takashi KISHIMOTO	SAITAMA UNIVERSITY	Equivariant K-stability of log-Fano varieties and degenerations
HU Chin-Ping	TAIWAN	Teruaki ENOTO	Kyoto University	Exploring the connection between fast radio bursts and magnetars
GRIGOLI Francesco	ITALY	Bogdan ENESCU	Kyoto University	Next generation seismicity analysis using machine learning

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Chemistry

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WANG Lijia	CHINA	Keiji MARUOKA	Kyoto University	Development of [2+2+2] tandem cyclizations and applications in total synthesis of natural products
DASCHAKRABORTY Snehasis	INDIA	Shinji SAITO	National Institutes of Natural Sciences	Theoretical study of spatiotemporal heterogeneity of water in carbon nanotube
MAITI Debabrata	INDIA	Naohiko YOSHIKAI	Tohoku University	Distal C-H Bond Functionalization by Innovative Template Design
MALLAIAH Nagaraja Chikkanayakanahalli	INDIA	Hiroshi KITAGAWA	Kyoto University	Development of 2D Metal-Organic Frameworks for Chemical Fixation of CO ₂ to Value-added Chemicals
MECKING Stefan	GERMANY	Kyoko NOZAKI	The University of Tokyo	Studies on Synthesis and Properties of Polyolefin-like Materials toward Sustainability
LETERRIER Yves	FRANCE	Naoko YOSHIE	The University of Tokyo	Sustainable polymer-based materials
UYEDA Christopher Hiroki	CANADA	Tsuyoshi MITA	Hokkaido University	Carbene Insertion Catalyzed by Multinuclear Metal Complexes and Their Industrial Applications
TALUKDAR Pinaki	INDIA	Kazushi KIMBARA	Tokyo Institute of Technology	Development of highly functionalized synthetic transporters
SEEMAN Jeffrey I.	U.S.A.	Susumu SAITO	Nagoya University	On the Extraordinary Growth of Japanese Organic Chemistry since 1950 and its Heritage
KARAK Supravat	INDIA	Kunio AWAGA	Nagoya University	Development of Organic Photocells for Detecting Biological Signals Using Displacement Currents

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Engineering sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
BALDWIN Susan Anne	CANADA	Satoru KAWASAKI	Hokkaido University	Eco-friendly biosorption and biocementation for treating mine tailings
VELAYUTHAM Tamil Selvi	MALAYSIA	Takashi NAKAJIMA	Tokyo University of Science	Bent-Core Ferroelectric Liquid Crystals for Light Harvesting and Energy Storage Applications
GLEASON Colin J	U.S.A.	Dai YAMAZAKI	The University of Tokyo	Improvement of global hydrodynamics model using the SWOT next-generation satellite altimeter
AUNG THAN HTWE	MYANMAR	Takuya MATSUMOTO	Osaka University	Neuromorphic computation in extensive conductive-polymer networks
SEFIANE Khellil	FRANCE	Masamichi KOUNO	Kyushu University	Dynamics and heat transfer characteristic of a droplet impinging on a hot surface
CHANDRA Sanjeev	CANADA	Kentaro SHINODA	National Institute of Advanced Industrial Science and Technology	Fundamental research on the stress evolution during the kinetic spray deposition of ceramics
CASINI Francesca	ITALY	Satoshi NISHIMURA	Hokkaido University	Experimental research towards developing ground freezing model based on coupled multi-phase theory
BRUNDAVANAM Maruthi Manoj	INDIA	Yuichi KOZAWA	Tohoku University	Exploratory study for novel nonlinear optics utilizing structured light
ZEBARJADI Mona	U.S.A.	Junichiro SHIOMI	The University of Tokyo	Heat and electron transport in materials with thermally induced phase transition
WANG Qingyuan	CHINA	Qiang CHEN	Kyushu University	Fatigue mechanism of AM alloys based on nanoscale dynamic behavior of small cracks
THAI Phong Khanh	AUSTRALIA	Ryo HONDA	Kanazawa University	Biomarkers of wastewater-based epidemiology for surveillance of comprehensive health status
DOMINGUES Lucilia Maria Alves Ribeiro	PORTUGAL	Tomohisa HASUNUMA	Kobe University	Development of advanced biomanufacturing that realizes various molecule production from biomass

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LYTH Stephen Matthew	UNITED KINGDOM	Yoji MIYAJIMA	Kanazawa University	Laser reduction of graphene oxide dispersed in water for sustainable energy applications
GUYENNE Philippe Joachim	U.S.A.	Takuji WASEDA	The University of Tokyo	Development and validation of new models for wave-ice interactions
LEVIN Craig Steven	U.S.A.	Taiga YAMAYA	National Institutes for Quantum Science and Technology	Application of quantum science technologies to nuclear medicine and PET
GHOSH Prasenjit	INDIA	Ryoji SAHARA	National Institute for Materials Science	Design of high temperature Ti alloys with excellent oxidation resistance
SARKAR Biplab	INDIA	Hiroshi AMANO	Nagoya University	Kilovolt-class GaN JBS Diode for emerging high-power electronics

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Informatics

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
SULEIMAN Wael	CANADA	Eiichi YOSHIDA	Tokyo University of Science	Enhancing Human-Humanoid Interaction by effective combination of optimization and machine learning
XIONG Jinjun	CHINA	Masanori HASHIMOTO	Kyoto University	Accurate soft error analysis enabled by device simulations accelerated by machine learning
HU Jingtong	CHINA	Takashi SATO	Kyoto University	Robust vital sensing through video imaging
CHEUNG Gene	CANADA	Yuichi TANAKA	Osaka University	Graph Signal Processing: Theory and Applications
CAO Yue	CHINA	Zhi LIU	The University of Electro-Communications	I-GREEN: towards Ict-GeaRed transportation Electrification eService optimization under uncertainTy
BIANCHI Andrea	ITALY	Masahiko INAMI	The University of Tokyo	Dynamic remapping of VR supernumerary limbs and enhancing body ownership using tactile feedback
MOHANIA Mukesh Kumar	INDIA	Yoshiharu ISHIKAWA	Nagoya University	Preference-aware and Event-conscious Navigation System for Road Trip Planning

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Biological sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
MUKHOPADHYAY Samrat	INDIA	Satoshi TAKAHASHI	Tohoku University	Ultrafast dynamics of a disordered protein FUS by fluorescence correlation spectroscopy
PIRES DA SILVA Andre Francisco	GERMANY	Asako SUGIMOTO	Tohoku University	Establishment of genetic manipulation techniques in non-model nematodes
CHEN Chunlong	FRANCE	Masato KANEMAKI	Research Organization of Information and Systems	Studying the mechanism of human genome replication by genetics and genome informatics
CHANG Chunhsiang	TAIWAN	Yousuke KAIFU	The University of Tokyo	Comprehensive study on human fossils from Taiwan using state-of-the-art technologies
MANDAL Soumit Sankar	INDIA	Kiyoto KAMAGATA	Tohoku University	Single-molecule analysis of molecular chaperones preventing protein phase separation solidification

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Agriculture/Environmental sciences

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BESKOSKI Vladimir	SERBIA	Hideyuki INUI	Kobe University	Exploring the Multi-Omic Effects of PFAS on Lipid and Protein Content in PFAS-Degrading Bacteria
GE Tida	CHINA	Weiguo CHENG	Yamagata University	Comparison of strategies for C sequestration and GHG reduction in farmlands between Japan and China
JUAN Rios Manuel	ARGENTINA	Yoshifumi HORIE	Kobe University	Residues of Plastic Additives in Osaka Bay
SASAKI Takao	JAPAN	Yuuki KAWABATA	NAGASAKI UNIVERSITY	Reducing wildlife-vehicle collisions by understanding animal responses to vehicles
CALABRESE Vittorio	ITALY	Naomi OSAKABE	Shibaura Institute of Technology	Recommendation on how to consume polyphenols by the verification of the two healthy dietary styles
HOQUE Md Anamul	BANGLADESH	Yoshiyuki MURATA	Okayama University	Chemical control of stress tolerance in plants
BELGRANO Andrea	SWEDEN	Michio KONDO	Tohoku University	Linking food webs and ecosystem services: a perspective towards Ecosystem-Based Management (EBM)
SOBHY Islam	EGYPT	Ivan GALIS	Okayama University	Clarification of volatile metabolism and functions in sorghum defense against herbivores
HOSSAIN Md Khaled	BANGLADESH	Tetsuro AGUSA	Prefectural University of Kumamoto	Arsenic exposure through drinking water and foods and its association with cardiometabolic diseases
BURROWS Anne M.	U.S.A.	Takako MIYABE	Kyoto University	Comparative Facial Anatomy in nonhuman primates

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Medicine dentistry and pharmacy

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CUI Jianmin	U.S.A.	Yasushi OKAMURA	Osaka University	Optogenetic approach toward understanding of in vivo ion channel function
WANG Jun	CHINA	Takashi OHSHIMA	Kyushu University	Development of novel asymmetric catalysis based on the design of chiral phosphorus ligands
CANNON Stephen Caldwell	U.S.A.	Masanori TAKAHASHI	Osaka University	Understanding the voltage dependence of ion channels and accelerating its translational research
ROSSINI Jon Dominic	U.S.A.	Byung kwang YOO	Waseda University	Health education theater
MCGOWAN Patrick Owen	CANADA	Kumi KURODA	Tokyo Institute of Technology	Neural mechanisms of parental nurturing and its influences on infant development
ICHIMURA Takaharu	JAPAN	Yutaro MORI	Tokyo Medical and Dental University	Development of kidney-on-a-chip derived from patients of chronic kidney disease