

List of Fellows (FY2020 Invitational Fellowships for Research in Japan (2nd 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 FY2020 JSPS Invitational Fellowship for Research in Japan (Short-term). Under this recruitment, 166 applicants were received, among which 70 fellowships were awarded.

Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
GOESCHEL Christian Albrecht	GERMANY	MURPHY Mahon	Kyoto University	Japan, Germany and Italy: The Diplomatic Performance of the Tripartite Pact
KOPF Gereon	GERMANY	KIMURA Toshiaki	Tohoku University	Talking with the Dead; towards a Culture of Memory
CHAOKETU	CHINA	YANAGISAWA Akira	Waseda University	Study on History of the Chahar League
MARTENS Didier	BELGIUM	ASANO Hitomi	Nagasaki Junshin Catholic University	Origine of Kirishitan Art in Japan

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Social sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
STORZ Cornelia	GERMANY	AOSHIMA Yaichi	Hitotsubashi University	Organizational Identity of New Firms in Digital Industry
GREANEY Theresa	U.S.A.	TANAKA Ayumu	Chuo University	Foreign Firms and Wage Gaps in Japan
CHOOI Weng tink	MALAYSIA	SAITO Satoru	Kyoto University	Human cognitive plasticity: Perspectives from working memory training research
MULDREW Craig James	CANADA	TAKAHASHI Motoyasu	Ehime University	Trust and communities appeared in small financial organizations in the period of the transition
FRYER Luke Kutzsik	NEW ZEALAND	William I. q. OGA BALDWIN	Waseda University	Developing an ICT platform for teaching and learning English spelling
KLEIN Axel Peter	GERMANY	KAWASAKI Takeshi	Sophia University	Populism. A Japanese-German Comparison.
TOUMI LAJIMI Kaouther	FRANCE	KAWAMURA Ai	University of Tsukuba	Empirical Analysis on Tunisian Women Empowerment by Islamic Financial Institutions
JEN Tien-hao	TAIWAN	KAWASHIMA Shin	The University of Tokyo	Trilateral Relations among Japan, ROK and PRC on the Case of Exchanges of Foreign Correspondences
PICHT Peter Georg	GERMANY	NISHITANI Yuko	Kyoto University	Contemporary Challenges and Perspectives of International Business Law - Trusts and IP

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Mathematical and physical sciences

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KARATAGLIDIS Steven	AUSTRALIA	SUDA Toshimi	Tohoku University	Study of Proton Radius and Charge Distribution of Unstable Nuclei by Electron Scattering
XUAN Chuang	CHINA	ODA Hirokuni	National Institute of Advanced Industrial Science and Technology	Causes and consequences of catastrophic changes in Earth's magnetic field
PEETERS Simon Jan marie	NETHERLANDS	MARUYAMA Takasumi	High Energy Accelerator Research Organization	High Precision calibration of the JSNS2 experiment.
LEE Minhyea	KOREA (REP. OF KOREA)	MATSUDA Yuji	Kyoto University	Magnetic anisotropy and field-induced transition in quantum spin liquids
HUGHES Stephen	CANADA	NORI Franco	RIKEN	Theory and applications of light-matter interactions in quantum nanophotonics
KASTBERG Anders	SWEDEN	SAKEMI Yasuhiro	The University of Tokyo	Fundamental physics with spectroscopy on laser cooled radioactive heavy elements
CHENG Chio zong	U.S.A.	ONO Yasushi	The University of Tokyo	Interdisciplinary Study of Comprehensive Kinetic Reconnection Model for Space and Laboratory Plasmas
RAHMAN M. julleh Jalalur	BANGLADESH	YOSHIDA Kohki	Shinshu University	Intense geochemical weathering records in the Himalayan-Bengal sediments
KUIPER Rolf	GERMANY	HOSOKAWA Takashi	Kyoto University	Early growth of supermassive black holes via rapid gas accretion in the early universe

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Chemistry

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RATH Sankar Prasad	INDIA	FURUTA Hiroyuki	Kyushu University	Structure and Function Analysis of Heme Mutant toward Water Splitting Catalyst
XU Hao	U.S.A.	SAITO Susumu	Nagoya University	Development of Efficient and Robust Iron Catalysts for Upgrading Bio-renewables and CO ₂ by Reduction
SWAIN Greg M	U.S.A.	EINAGA Yasuaki	KEIO UNIVERSITY	Development of a platform for electrochemical sensing systems using advanced carbon electrodes
STEPHAN Holger	GERMANY	HAYASHITA Takashi	Sophia University	Development of Multifunctional Ligands and Nanomaterials for Ion Exchange and Solvent Extraction
FUCHTER Matthew J	UNITED KINGDOM	SHINOKUBO Hiroshi	Nagoya University	Optoelectronic functions and applications of optically active helicenes
SHIEA Jentaie	TAIWAN	KINUMI Tomoya	National Institute of Advanced Industrial Science and Technology	Application of ambient ionization mass spectrometry: development and problem points
JIA Li	CHINA	NOZAKI Kyoko	The University of Tokyo	Polymerization of Electron Deficient Monomers using Metal Complexes of Anionic Bidentate Ligands
SMITH Paul	NETHERLANDS	TOKITO Shizuo	Yamagata University	Molecular Orientation Processes for Organic Electronics
KONIG Burkhard	GERMANY	AKIYAMA Takahiko	Gakushuin University	Development of Novel Catalyst System Combining Photocatalysis and Chiral Bronsted Acid Catalysis

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Engineering sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
ROMOLI Luca	ITALY	KUNIEDA Masanori	The University of Tokyo	Study on texturing for antimicrobial properties of metallic surfaces using electrolyte jets
ANWAR A h m Faisal	AUSTRALIA	FURUMAI Hiroaki	The University of Tokyo	Floating treatment wetland as green infrastructure for sustainable urban water management
CHO Eun seon	KOREA (REP. OF KOREA)	SAKAKI Kouji	National Institute of Advanced Industrial Science and Technology	Development of hydrogen storage materials with novel function of hydrogen purification
GRAZZI Francesco	ITALY	KAMIYAMA Takashi	Hokkaido University	Non-destructive characterization of historical artifacts through neutron Bragg edge analysis
TERASHIMA Mikiko	CANADA	SUGAWARA Maiko	TOYO UNIVERSITY	Comparative Study on Barrier-Free Design Methods between Canada and Japan: A Diversity Perspective
BONIFAZ Edison Alfredo	ECUADOR	WATANABE Ikumu	National Institute for Materials Science	Computational simulation of wire-based additive manufacturing for metals coupling with experiments
HU Xiaosong	CHINA	SHEN Tielong	Sophia University	Optimal Energy Management Strategy for Plug-in Hybrid Electric Vehicles with the Connectivity
SHIH Ming Hsiang	TAIWAN	CHIKAHIRO Yuki	Shinshu University	Evaluation and visualization of stress concentration on scissors-type bridge using DIC method
CONDINO FUJARRA Andre Luis	BRAZIL	SUZUKI Hideyuki	The University of Tokyo	Development of a low cost AMS (Autonomous Measurement System) for offshore marine lines
OTTO Andreas Helmut friedrich	GERMANY	TESHIGAWARA Makoto	Japan Atomic Energy Agency	Investigation of physical phenomena caused by high energy density quantum beam irradiation
MATSUI Hiroshi	JAPAN	NAKAMURA Chikashi	Tokyo University of Agriculture and Technology	Development of new magnetically delivery systems for improved efficiency of genome editing

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ROMOLI Luca	ITALY	KUNIEDA Masanori	The University of Tokyo	Study on texturing for antimicrobial properties of metallic surfaces using electrolyte jets
HO Tsung-yi	TAIWAN	YOSHIKAWA Nobuyuki	Yokohama National University	Creation of Top-Down Design Technology for Superconducting Quantum Flux Integrated Circuits
SANE Sanjay Prafullachandra	U.S.A.	LIU Hao	Chiba University	Study of Complex Flight Control in Insects: Mechanobiosensing, Kinematics and Flight Dynamics
MITCHELL William Francis	AUSTRALIA	FUJII Satoshi	Kyoto University	A Study on fiscal policies for building national resilience based on Modern Monetary Theory

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Informatics

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
HAZEM Amir Mohamed	FRANCE	KAGEURA Kyo	The University of Tokyo	Improving MT by taking document attributes and document element attributes into account
CARNEIRO DE ANDRADE Ermeson	BRAZIL	MACHIDA Fumio	University of Tsukuba	Dependability analysis of distributed surveillance system using UAVs
WANG Shitong	CHINA	NOJIMA Yusuke	Osaka Prefecture University	Deep Interpretable Fuzzy Classifiers for Explainable AI on Large Multi-modal Data

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Biological sciences

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Fellow' name (Family/First/Middle)	Nationality	Host Researcher	Host Institution	Research Theme
NGYUEN Duc anh	VIET NAM	ASAMI Takahiro	Shinshu University	Experimental approach to chiral-morph coexistence in tree snails
YUAN Ling	U.S.A.	TAKAGI Masaru	SAITAMA UNIVERSITY	Development of novel system for metabolic engineering by controlling negative regulomics in plants
GALLITANO-MENDEL Amelia	U.S.A.	OKUNO Hiroyuki	Kagoshima University	Novel molecular tools to probe genes x environment interactions influencing mental illness risk
KLIPP Edda	GERMANY	MAMITSUKA Hiroshi	Kyoto University	Deep learning of mechanistic networks in cellular signaling from experimental data.

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Agriculture/Environmental sciences

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ITO Takamitsu	JAPAN	MINOBE Shoshiro	Hokkaido University	Integrated study of ocean deoxygenation by global warming: data analysis and numerical simulation
MIYAZAKI Junji	JAPAN	FUJIMOTO Ryo	Kobe University	Next-generation sequence analysis for grapevine phylloxera to control by RNAi
NUMBI Kamini Ramudu	INDIA	AIZAWA Tomoyasu	Hokkaido University	Synthetic biology approach for understanding the mechanism of polymeric mixture monomerization
REYNOLDS Rick Allen	U.S.A.	HIRAWAKE Toru	Hokkaido University	Response of phytoplankton community composition to environmental change in the Arctic Ocean
TROCH Peter Albert	U.S.A.	YOSHIDA Takeo	National Agriculture and Food Research Organization	Catchment coevolution in volcanic landscapes: synthesis of Newtonian and Darwinian approaches
SEVINC Ferda	TURKEY	XUAN Xuenan	Obihiro University of Agriculture and Veterinary Medicine	Epidemiological study on ovine babesiosis in Turkey and and establishment of control strategy
ZHOU Zhemin	CHINA	KOBAYASHI Michihiko	University of Tsukuba	Functional analyses of nitrile-converting enzyme involved in the production of useful compounds
YANG Yu	CHINA	WAGAI Rota	National Agriculture and Food Research Organization	Iron control on soil organic matter dynamics: redox and molecular structure
ERRA-BALSELLS Rosa	ARGENTINA	WADA Hiroshi	Ehime University	Picoliter Ion Mobility Mass Spectrometry for High Resolution Cell Metabolite Analyses
RENCHIN Tsolmon	MONGOLIA	ICHII Kazuhito	Chiba University	Data-driven synthesis of terrestrial carbon and water budget estimation in Mongolia
NGUYEN Quan Hai	VIET NAM	NISHINO Naoki	Okayama University	Preservation of feed biomass produced in tropical and sub-tropical Asia

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Medicine dentistry and pharmacy

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KOH Cheng Gee	SINGAPORE	SHIGERI Yasushi	Wakayama Medical University	Elucidating switch off mechanism of calcium signaling and its related disorder
SCHIAFFINO Stefano	ITALY	AKIMOTO Takayuki	Waseda University	Identification of mechanical stress-induced molecular signal leading muscle atrophy resistance
DIXON Darren J	UNITED KINGDOM	NEMOTO Tetsuhiro	Chiba University	New Broad Scope Strategies for Amine and Complex Natural Product Synthesis
MENDEZ-FERRER Simon	SPAIN	TAKIZAWA Hitoshi	Kumamoto University	Improving bone marrow reconstitution through the regulation of blood stem cells and their niches
TEICHMANN Marc	GERMANY	NAKAMURA Kimihiro	Research Institute National Rehabilitation Center for Persons with Disabilities	Cortical representation of meaning: Testing for causality with non-invasive brain stimulation.
SMITH, III Amos B.	U.S.A.	SUNAZUKA Toshiaki	Kitasato University	Recent Advances in Natural Product and Bioactive Compound Synthesis
ALBRECHT Urs Emanuel	SWITZERLAND	TAKUMI Toru	Kobe University	Circadian rhythm and mood