

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
ATHUKORALA ARACHCHIGE	Sumudu	Darshana	SRI LANKA	Takehiro MORIMOTO	University of Tsukuba	A Scenario Modeling of Wetland Ecosystem Services of Global Cities and Potential Solutions
CHIANG	Hsunyi		TAIWAN	Daiki TAKAYAMA	The University of Tokyo	The Role of " Techniques" in Intellectual History: A Comparison between Early Modern Japan and China
SONG	Chunxiao		CHINA	Maori SAITO	National Institutes for the Humanities	A Study of Bai Juyi's Literature and Visual Arts in meedieval Japan
BARDUCCI	Polina		RUSSIA FEDERATIO N	Akiko MIEDA	The University of Tokyo	State Order under the Muromachi Shoguns in Medieval Japan
KARABICAK	Yusuf	Ziya	TURKEY	Masayuki UENO	Osaka Metropolitan University	The Ottoman Counter Revolution: The Patriarchate of Constantinople and Ottoman Governance, 1768-1828
AFRASHTEH	Sepideh		IRAN	Mitsuya DAKE	Ryukoku University	A Comparative Study of Mystical Teachings in the Works of Shinran and Rumi
TAYLOR	Susan	Paige	U.S.A.	Yoichi SATO	Waseda University	Digital Archives of Urban Space: An Anthropological Study of the Jimbocho Bookstore District

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Family Name	First Name	Middle Name				
ALTAWHEEL	Rawia		SYRIA	Keiko SAKAI	Chiba University	Role of Non-State actors in the Middle East and transnationality/ nationhood
NOC	Mathilde	Monique Solange	FRANCE	Atsunobu SUZUKI	The University of Tokyo	"Guilty-face" and memory of a criminal: moderating variables and development of debiasing techniques
ENEZAN	Baraa		SYRIA	Tatsuya SATO	Ritsumeikan University	Motivation and process of conversion to Islam: Focusing on Japanese Muslims in Japan
HEPPLEWHITE	Matthew	Robert Edward	UNITED KINGDOM	Yu UCHIYAMA	The University of Tokyo	Exploring Japanese voters' views towards politicians from marginalised and underrepresented groups
CHUMKY	Tahmina		BANGLADESH	Kenichiro ONITSUKA	Kyoto University	Analyzing the Social Network Dynamics of Bangladeshi Immigrants in Japan
NGUYEN	Hao	Anh	VIET NAM	Kodo YOKOZAWA	Yokohama National University	Study on a Sense of Urgency: Scale Development and Psychological Mechanism for Enhanced Performance

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ZHOU	Wenyi		CHINA	Kenji OHTA	Tokyo Institute of Technology	Thermal conductivity of the Martian mantle: Implications for the Martian dynamo and habitability
DAI	Xuanzhong		CHINA	Tomoyuki ARAKAWA	Kyoto University	Geometric Perspectives on Vertex Algebras and Modular Forms
TARANTO	Philip	Guy	MALTA	Mio MURAO	The University of Tokyo	Higher-Order Quantum Information Processing in Space and Time: Towards Robust Quantum Functions
WANG	Yuanyuan		CHINA	Yoshio TAKAHASHI	The University of Tokyo	Rare earth element abundances and isotope ratios in asteroid samples
ARORA	Simran		INDIA	Shinji MUKOHYAMA	Kyoto University	An investigation of observational anomalies and tensions beyond the standard cosmological model
SU	Hang		CHINA	Satoru NAKATSUJI	The University of Tokyo	Strongly correlated and giant transverse thermoelectric effect in flat-band topological magnets
RABAGO	Julius Fergy	Tiongson	PHILIPPINE S	Masato KIMURA	Kanazawa University	Novel Hybrid Methods for Accurate Shape Reconstruction: Advancing Theory and Computational Solutions
FU	Weizheng		CHINA	Yuichi OTSUKA	Nagoya University	Ionospheric plasma-neutral coupling: a 4-D tomography analysis with an ultra-dense GNSS network
ZHENG	Jianlu		CHINA	Kaori SUGIHARA	The University of Tokyo	Development of highly-selective biosensor based on mechanochromic polymer
BRAHMA	Koushik		INDIA	Takeshi IKEDA	Waseda University	Schubert calculus of affine Grassmannians
PIRLOT JANKOWIAK	Paul	Jean-Marie Richard	FRANCE	Nami SAKAI	RIKEN	Origin of interstellar molecules traced by deuteration ratios: molecular dynamics meets astronomy
SOSNILO	Vladimir		RUSSIA FEDERATION	Shane KELLY	The University of Tokyo	K-theory and filtrations

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Family Name	First Name	Middle Name				
SEBEK	Matej		CZECH	Daisuke KIRIYA	The University of Tokyo	Development of monolayer plasmonic lasers
MUOLO	Riccardo		ITALY	Hiroya NAKAO	Tokyo Institute of Technology	Synchronization dynamics and dimensionality reduction in coupled dynamical systems on hypergraphs
NANDA	Dibyendu		INDIA	Shinya KANEMURA	Osaka University	Gazing into Dark Sector: Complementarity of Gravitational Waves, Collider and Early Universe Relics
LEE	Chanhyeon		KOREA (REP. OF KOREA)	Hiroyuki NOJIRI	Tohoku University	Elucidation of Dirac spin liquid and spin entanglement in kagome lattice antiferromagnets
GHOSH	Nivedita		INDIA	Shigeki MATSUMOTO	The University of Tokyo	A Closer Look at Search Strategies for New Physics Scenarios Detection
LOGES	Gregory		U.S.A.	Yuta HAMADA	High Energy Accelerator Research Organization	Systematic enumeration of string theory vacua based on modern numerical techniques

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ZHANG	Wei		CHINA	Atsuo YAMADA	The University of Tokyo	Electrolyte Design for Aqueous Zinc Batteries toward Extreme Temperature Application
LIU	Chang		CHINA	Yoshimitsu ITOH	The University of Tokyo	Innovative Functional Polymeric Materials by Novel Interfacial Polymerization Method
COOPER	Simon	Joynson	U.S.A.	Satoshi YOKOSHIMA	Nagoya University	Synthesis of Kopsia alkaloids: Constructing a unique skeleton via intramolecular cycloaddition
LI	Zhi		CHINA	Takashi TACHIKAWA	Kobe University	Microbe-semiconductor biohybrids for solar-driven carbon dioxide into value-added chemicals
KANYOLO	Godwill	Mbiti	KENYA	Titus MASESE	National Institute of Advanced Industrial Science and Technology	Design and Characterisation of Novel Cathode Materials for Potassium, Silver and Calcium Batteries
GHOSH	Subhrajyoti		INDIA	Nobuhiro YANAI	Kyushu University	High-energy reaction field realized by photon upconversion MOF
GHOSH	Srijon		INDIA	Toshinori SUZUKI	Kyoto University	Elucidation of photochemical dynamics of nucleobases by ultrafast spectroscopy
SCHULTE	Yannick	Niklas	GERMANY	Kei GOTO	Tokyo Institute of Technology	Study on Low-coordinated Main Group Element Reactive Species Utilizing Novel Reaction Environments
BHAWNA			INDIA	Takafumi YAMAMOTO	Tokyo Institute of Technology	Green Routes for Developing Non-toxic Layered Perovskites for Optoelectronic Applications
BARMAN	Debasish		INDIA	Chihaya ADACHI	Kyushu University	Enhancing RISC via Combined Effect of MR and CT Type TADF Structures for Blue HF-OLED
SAHOO	Supriya		INDIA	Ryo OHTANI	Kyushu University	Organic-Inorganic Hybrid Ammonium Cyanometallates for Ferroelectric and Piezoelectric Studies

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ZHAO	Dou		CHINA	Tomoyuki YOKOTA	The University of Tokyo	Developing large-area and flexible X-ray imager for mobile robotic-CT applications
YILDIZ	Dilek		TURKEY	Yoshiaki SUGIMOTO	The University of Tokyo	Quantum phase microscopic analysis of van der Waals stacking materials by scanning probe microscopy
OU	Hao		CHINA	Kazunari MATSUDA	Kyoto University	Optical Property Modulation and Quantum Devices using Moire Exciton in Atomically Thin Materials
PEI	Jun		CHINA	Yuzuru MIYAZAKI	Tohoku University	Study on Mechanism of Thermoelectric Perfromance Enhancement for VFeSb-Based Half-Hesuler Alloys
LIU	Hao		CHINA	Ryuta ENOKIDA	Tohoku University	Distributed Real-Time Substructure Testing on Seismic-Resistant Structures using FEM and DSS Scheme
HUANG	Weihai		CHINA	Jiawang YAN	KEIO UNIVERSITY	Nanoscale cutting of single-crystal GaN for fabricating high-precision micro lens arrays
ZHOU	Tong		CHINA	Chul-woo KIM	Kyoto University	Intelligent life-cycle management of deteriorating bridges supported by structural health monitoring
GADO	Mohamed	Gaber Abdelsaid	EGYPT	Koji KAMIYA	National Institute for Materials Science	Study on magnetic refrigeration for hydrogen liquefaction using triply periodic minimal structures
ZHANG	Qinqiang		CHINA	Naoki FUKATA	National Institute for Materials Science	Development of a New Vertical Hybrid High Electron Mobility Device
LIU	Chang		CHINA	Takahiro SHIMADA	Kyoto University	Anomalous Superelastic Electromechanical Behaviors Pioneered by Topological Ferroelectric Ceramics
CHU	Chenliang		CHINA	Nobuhiro TSUJI	Kyoto University	Integrated Assessment of Short-Range Order and its Impact in Medium- and High-Entropy Alloys
YANG	Weifeng		CHINA	Takao SOMEYA	The University of Tokyo	Moisture-wicking nanomesh electrodes for long-term sweat-stable health monitoring

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WU	Zhengkai		CHINA	Hiroyuki TODA	Kyushu University	Assessment of fatigue fracture via X-ray CT bridging nano and macro in additive manufactured Ti
JEYARAJ	Vinoth Kumar		INDIA	Seiya TSUJIMURA	University of Tsukuba	Wearable Lab-On-Skin Device for Non-invasive and Continuous Monitoring of Multiple Cytokines
CHEN	Guo		CHINA	Meiyong LIAO	National Institute for Materials Science	Ultrahigh-sensitivity and high-speed infrared light image sensor based on diamond NEMS
JIAO	Zhongdong		CHINA	Tadahiko SHINSHI	Tokyo Institute of Technology	Silent soft magnetohydrodynamic blood pumps for the wearable artificial liver
LI	Donglin		CHINA	Shigeki KAWAI	National Institute for Materials Science	Investigation of two-dimensional spin arrays
SEAL	Nilanjan		INDIA	Suguru NODA	Waseda University	Development of MOF-CNT three-dimensional catalytic electrode for energy-efficient H2 production
BERA	Jayanta		INDIA	Ryoma HAYAKAWA	National Institute for Materials Science	Development of molecular spin qubit devices towards quantum computing
PAUL	Ratul		INDIA	Yoichi MURAKAMI	Tokyo Institute of Technology	Creation and thermal engineering properties of novel CO2 separation nanoporous covalent frameworks
KOESTER	Felix	Sebastian	GERMANY	Atsushi UCHIDA	SAITAMA UNIVERSITY	Photonic reservoir computing with attention mechanism and applications to time-series prediction
ELSADEK	Wael	Mohamed Mahmoud	EGYPT	Shinjiro KANAE	Tokyo Institute of Technology	Statistical, Machine Learning Algorithms, and Hybrid Models for a New Building Flood Index in Japan
SHARMA	Prince		INDIA	Naoaki KUWATA	National Institute for Materials Science	Next Generation Free Standing Thin Film Solid State Battery for Bioelectronics Devices
NAGABOOSHANAM	Shalini		INDIA	Moeto NAGAI	Toyohashi University of Technology	Transdermal Multiplexed Electrochemical Sensors for Point-of-Care Diagnostics of Disease Biomarkers

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FEHAID	Alaa	Ahmed Ahmed	EGYPT	Mitsuhiro EBARA	National Institute for Materials Science	Development of drug-loaded Shape Memory Stent (SMS) for treatment of prostate diseases
TAILOR	Naveen	Kumar	INDIA	Takumi IKENOUE	Kyoto University	Unlocking New Frontiers in X-Ray Imaging: A Leap Forward with 3D/2D Perovskite Heterocrystals
DOAN	Van	Thi Hong	VIET NAM	Toru YOSHITOMI	National Institute for Materials Science	Preparation of immunotolerant dendritic cell vaccine using cell membrane-oxidizing cell culture dish
ALI	Usman		PAKISTAN	Mamoru KIKUMOTO	Yokohama National University	Mechanisms of Fluidized Landslides in Crushable Soils: Changing Grading and Particle Shape
HEMAM	Rachna	Devi	INDIA	Tadaaki NAGAO	National Institute for Materials Science	Spectroscopic Infrared Sensors by Phonon Polaritons in Isotropic and Anisotropic Dielectrics
DENG	Chih-Zong		TAIWAN	Ya-lun HO	National Institute for Materials Science	Atomic-layer TMDC lasers using zero-index-bound states in the continuum metasurfaces

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JIAO	Ruwang		CHINA	Yusuke NOJIMA	Osaka Metropolitan University	Multiform Multi-Objective Feature Selection for Unbalanced Classification
PAN	Qianqian		CHINA	Jun WU	Waseda University	Heterogeneous Privacy-Preserving Large Model Method in Collaborative Edge-Cloud
DAS	Parthasakha		INDIA	Jun TANIMOTO	Kyushu University	Framework of social Physics to design optimal provisions for controlling a new emerging epidemic
STAROBRAT	Joanna		POLAND	Tomoyoshi SHIMOBABA	Chiba University	Ultimate holographic display using simple optics

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JIANG	Xuguang		CHINA	Masahide KIKKAWA	The University of Tokyo	Regulation of intra-flagellar transport by ciliary kinases
TEYSSONNIERE	Elie	Marcel	FRANCE	Shintaro IWASAKI	RIKEN	Population-scale exploration of translational regulation in yeast
WANG	Hongdi		CHINA	Hiroshi WATANABE	Okinawa Institute of Science and Technology Graduate University	Origin and Evolutionary Conservation of the HIF Pathway in Metazoans
LU	Wen-Hsin		TAIWAN	Yukiko GODA	Okinawa Institute of Science and Technology Graduate University	Investigating the molecular basis that underlie astrocyte diversity across hippocampal CA1 layers
ACHARYA	Sundaram		INDIA	Hiroshi NISHIMASU	The University of Tokyo	Structural analysis and molecular engineering of a new CRISPR nuclease complex
NAZIR	Aafaq		INDIA	Kotaro SHIRAI	The University of Tokyo	Comparative analysis of habitat preference in estuarine fishes between Japan and India
MERCHANT	Austin	James	U.S.A.	Kiyoto MAEKAWA	University of Toyama	Insights into termite soldier defensive strategies: Behavioral and sociogenomic perspectives

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HASAN	Mehraj		BANGLADESH	Toru FUJIWARA	The University of Tokyo	Molecular physiological studies of plant nutritropism
WANG	Yifan		CHINA	Makoto NISHIYAMA	The University of Tokyo	Elucidating the regulatory mechanism of yeast GDH by the kinase
ZHANG	Yan		CHINA	Manabu FUJII	Tokyo Institute of Technology	Urine treatment and resource recovery by electrochemical system using novel Ni-Co based catalyst
SAHU	Urvashi		INDIA	Midori TUDA	Kyushu University	Botanical nanoemulsions against stored product pests and resistance development by Wolbachia
ENDAR HIDAYAT			INDONESIA	Sadaki SAMITSU	National Institute for Materials Science	Development of biochar production useful as a slow-release fertilizer and soil acidity regulator
YAN	Xirui		CHINA	Fumihiko TANAKA	Kyushu University	Development of Self-Healing Smart Coating and Shelf-Life Prediction Model for fruits preservation
ZHANG	Lulu		CHINA	Ning TANG	Kanazawa University	Establishment of the comprehensive mechanism for atmospheric transformation of PAHs in East Asia
ENYOH	Christian	Ebere	NIGERIA	Qing yue WANG	SAITAMA UNIVERSITY	Development of novel functional carbon quantum dots sensing and removal of emerging toxic pollutants
AKTER	Mst Arjina		BANGLADESH	Ryo FUJIMOTO	Kobe University	Development of a new technology for enhancing disease resistance in Brassica vegetables
SABAR	Muhammad Adnan		PAKISTAN	Eiji HARAMOTO	University of Yamanashi	Deciphering of antimicrobial resistome and mobilome by riverine microplastics in an urban river
ELFADADNY	Ahmed	Ramadan Attia	EGYPT	Koji NISHIFUJI	Tokyo University of Agriculture and Technology	Efficacy of novel enzybiotics against multidrug-resistant Gram-negative bacterial infections
WIN	Shwe	Yee	MYANMAR	Shiro MURATA	Hokkaido University	Study on host immunomodulation by poultry red mites to improve poultry management and hygiene

List of Fellows Selected through Open Recruitment in Japan

Agriculture/Environmental sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
ELHUSSINY	Mohamed	Zakaria	EGYPT	Vishwajit SUR CHOWDHURY	Kyushu University	Neural mechanisms of thermoregulation and its epigenetic modifications by amino acids in chicks
MOHAMED	Israa	Mohamed Ali	EGYPT	Ikko IHARA	Kobe University	Microbial Adhesion Control for Food Safety and CO2 Emission Reduction by Magnetic Abrasive Finishing
HASSAN	Jahidul		BANGLADESH	Yukio OZAKI	Kyushu University	Development of World First Autonomic Parthenocarpic Pointed Gourd for Promising High Productivity
BHAT	Mansoor	Ahmad	INDIA	Atsuhiko ISOBE	Kyushu University	Plankton dynamics effect on characteristics and vertical distribution of ocean small microplastics
NURUZZAMAN	Md		BANGLADESH	Hiroyasu KITASHIBA	Tohoku University	Dissection of genetic mechanism of tuberization in kohlrabi by functional analyses of candidate gene
MANSOURI	Alireza		IRAN	Akio MIYAMOTO	Obihiro University of Agriculture and Veterinary Medicine	Improving bovine fertility by activating innate immune receptor of sexed sperm by embryo transfer
NEGI	Himani		INDIA	Shiori SUZUKI	Hokkaido University	Development of crystalline cellulose-based phase change materials for gel-type heat storage system
LIM	Young Kyun		KOREA (REP. OF KOREA)	Satoshi NAGAI	Japan Fisheries Research and Education Agency	Study of microplastics removal by holobiome interaction and the environmental behavior

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CHAPMAN	Owen	Shojiro	U.S.A.	Daisuke KAWAUCHI	NAGOYA CITY UNIVERSITY	Resolving clonal dynamics of extrachromosomal DNA in refractory human pediatric cancers
CHEN	Pengwen		CHINA	Horacio CABRAL	The University of Tokyo	Development of disruptive gene editing therapy against intractable KRAS-driven pancreatic cancer
SOSA	Max	Bernstein	U.S.A.	Ikuro ABE	The University of Tokyo	Elucidation and Application of Noncanonical Amino Acid Biosynthesis for Drug Discovery
MIRJA	Md Mahamudul Hassan		INDIA	Motomu KANAI	The University of Tokyo	Molecular editing of pharmaceutical molecules using site-selective catalytic dehydrogenation
YANG	Jiahao		CHINA	Takeshi TAKETANI	Shimane University	The efficacy of highly-purified mesenchymal stem cells on mitochondrial disease model animals
GO	Young-Hyun		KOREA (REP. OF KOREA)	Ryuichi NISHINAKAMURA	Kumamoto University	Generation of functional kidney organoids with vasculature and blood flow
KACHWAL	Vishal		INDIA	Hitoshi KASAI	Tohoku University	Developing NIR-II (Aggregation induced emission) AIE -nanoparticles for precise cancer theranostic
WANNIGAMA	Dhammika	Leshan	SRI LANKA	Hiroshi HAMAMOTO	Yamagata University	Mechanistic of the therapeutic implications of Lysocin E on S. aureus biofilm infections
TOGHUEO KOUIPOU	Rufin Marie		CAMEROON	Tomoyoshi NOZAKI	The University of Tokyo	Novel Antimalarial Leads from the Microbiome of Potent Cameroonian Medicinal Plants
WANG	Evan	Yifan	CANADA	Hiromichi SUZUKI	National Cancer Center	Single-cell multiomics analysis of FOXO3 to reveal therapeutic targets for WNT medulloblastoma
HU	Hooi Ting		MALAYSIA	Akitsu HOTTA	Kyoto University	Generation of CRISPR-loaded nanovesicles with host factors to facilitate therapeutic exon skipping
RAHMAN	Md Shaifur		BANGLADE SH	Sachiko ISEKI	Tokyo Medical and Dental University	In vitro modeling of craniosynostosis with human iPSC-derived suture mesenchymal stem cells (sMSCs)