

JSPS Postdoctoral Fellowship for Foreign Researcher

FY 2015 Mathematical and Physical Sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
ALI, S.  PAKISTAN	Spectroscopy of highly charged ions relevant to solar and astrophysical plasmas	The University of Electro-Communications NAKAMURA, Nobuyuki Associate Professor Institute for Laser Science	Sep. 15, 2015~ Sep. 14, 2017	Kanto Tokyo
ARRAUT GUERRERO, I. D.  COLOMBIA	Construction of extended theories of General Relativity and their observational probes	Tokyo University of Science TSUJIKAWA, Shinji Professor Faculty of Science	Nov. 30, 2015~ Nov. 29, 2017	Kanto Tokyo
BRADAK, B.  HUNGARY	Comparative magneto-climatostratigraphical study of loess-paleosol sequences from Asia and Europe	Kobe University HYODO, Masayuki Professor Research Center for Inland Seas	Oct. 15, 2015~ Oct. 14, 2017	Kinki Hyogo
BRUOT, N.  FRANCE	Measurement of interactions in out of equilibrium active systems	The University of Tokyo TANAKA, Hajime Professor Institute of Industrial Science	Oct. 16, 2015~ Oct. 15, 2017	Kanto Tokyo
CHUANG, C.  TAIWAN	Study of electron wave dynamics in ballistic transport device realized by BN and graphene system	Chiba University AOKI, Nobuyuki Associate Professor Graduate School of Advanced Integration Science	Oct. 19, 2015~ Oct. 18, 2017	Kanto Chiba
CRUZ, F. T.  PHILIPPINES	Projection of future climate change using a non-hydrostatic regional climate model in Southeast Asia	Meteorological Research Institute SASAKI, Hidetaka Head Atmospheric Environment & Applied Meteorology Research Department	Aug. 17, 2015~ Nov. 16, 2016	Kanto Ibaraki
DECHANT, A.  GERMANY	Small machines in complex crowded environments	Kyoto University SASA, Shin-ichi Professor Graduate School of Science	Oct. 19, 2015~ Oct. 18, 2017	Kinki Kyoto
DENG, H.  CHINA	Theoretical study of exotic quantum effects at interfaces in heterostructures of atomic layers	Kwansei Gakuin University WAKABAYASHI, Katsunori Professor School of Science and Technology	Apr. 1, 2015~ Mar. 31, 2017	Kinki Hyogo

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DOAN, T.  VIET NAM	Stochastic Bifurcation in Low-dimensional Spaces	Hokkaido University SATO, Yuzuru Associate Professor Research Institute for Electronic Science	Nov. 30, 2015~ Nov. 29, 2017	Hokkaido Hokkaido
DOVER, N. P.  UNITED KINGDOM	Investigating laser ion sources in the ultra-intense regime with high repetition rate diagnostics	Japan Atomic Energy Research Institute NISHIUCHI, Mamiko Deputy Group Leader Quantum Beam Science Center, Advanced Photon Technology Division	Nov. 1, 2015~ Oct. 31, 2017	Kinki Kyoto
DUCAT, T. A.  UNITED KINGDOM	Classification of Mori extractions from singular curves	Kyoto University KAWAKITA, Masayuki Associate Professor Reserch Institute for Mathematical Sciences	Nov. 21, 2015~ Nov. 20, 2017	Kinki Kyoto
EBLING, U.  GERMANY	Theory of quantum gases of exotic atoms	The University of Tokyo UEDA, Masahito Professor School of Science	May. 1, 2015~ Apr. 30, 2017	Kanto Tokyo
FRISK KOCKUM, A. W.  SWEDEN	New regimes of quantum optics in giant artificial atoms and hybrid systems	RIKEN NORI, Franco Group Director Center for Emergent Matter Science	Nov. 30, 2015~ Jul. 29, 2017	Kanto Saitama
GEISELER, J. H.  GERMANY	Ultrafast molecular imaging using laser-induced electron scattering	The University of Tokyo ITATANI, Jiro Associate professor The Institute for Solid State Physics	Oct. 1, 2015~ Sep. 30, 2017	Kanto Chiba
GENZANO, N.  ITALY	Development and validation of advanced satellite techniques for monitoring and mitigate seismic risk	Chiba University HATTORI, Katsumi Professor Graduate School of Science	Nov. 26, 2015~ Nov. 25, 2016	Kanto Chiba
GUERVILLE, B.  FRANCE	Links theory, Milnor invariants of links	Tokyo Gakugei University Yasuhara, Akira Professor Faculty of Education	Sep. 14, 2015~ Sep. 13, 2017	Kanto Tokyo

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HEDEN, I. M.  SWEDEN	Birational Geometry: Subgroups of the Cremona group and their generators	Kyoto University MUKAI, Shigeru Professor Research Institute for Mathematical Sciences	Sep. 10, 2015~ Sep. 9, 2017	Kinki Kyoto
HOSSAIN, H. Z.  BANGLADESH	Himalayan uplift impacts on methane flares	The University of Tokyo KAWAHATA, Hodaka Professor Atmosphere and Ocean Research Institute	Sep. 9, 2015~ Sep. 8, 2017	Kanto Chiba
HU, H.  CHINA	Algebraic geometry, especially ramification theory of etale l-adic sheaves	The University of Tokyo SAITO, Takeshi Professor Graduate School of Mathematical Sciences	Apr. 20, 2015~ Apr. 19, 2017	Kanto Tokyo
KIM, J.  KOREA (REP. OF KOREA)	Research on links and surface-links using quandles and biquandles	Osaka City University KAMADA, Seiichi Professor Graduate School of Science	Nov. 10, 2015~ Nov. 9, 2017	Kinki Osaka
KUMAR, R.  INDIA	Development of KAGRA Cryogenic Payload for Gravitational wave Astronomy	High Energy Accelerator Research Organization TOMARU, Takayuki Associate Professor Applied Research Laboratory	Nov. 1, 2015~ Oct. 31, 2017	Kanto Ibaraki
LAN, Z.  CHINA	Paleoceanographic study on the Ediacaran environment	The University of Tokyo SANO, Yuji Professor Atmosphere and Ocean Research Institute	Nov. 30, 2015~ Nov. 29, 2017	Kanto Chiba
LASBLEIS, M.  FRANCE	Fractional crystallization and partial melting in deep Earth and planetary bodies	Tokyo Institute of Technology HIROSE, Kei Director Earth-Life Science Institute	Apr. 13, 2015~ Apr. 12, 2017	Kanto Tokyo
LIN, C.  CHINA	Extended gravity and its cosmology	Kyoto University SASAKI, Misao Professor Yukawa Institute for Theoretical Physics	Oct. 1, 2015~ Sep. 30, 2017	Kinki Kyoto

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MODAK, S. K.  INDIA	Understanding information paradox and holographic duality via quantum foundation	High Energy Accelerator Research Organization TSUTSUI, Izumi Associate Professor Institute of Particle and Nuclear Studies	Sep. 16, 2015~ Sep. 15, 2017	Kanto Ibaraki
PEMBER, M. J.  UNITED KINGDOM	Weierstrass-type representations in Lie geometry	Kobe University ROSSMAN, Wayne Professor Graduate School of Science	Sep. 2, 2015~ Sep. 1, 2017	Kinki Hyogo
PONS-LLOPIS, J.  SPAIN	On freeness and stability of logarithmic vector fields along hypersurfaces via vector bundle theory	Kyoto University ABE, Takuro Lecturer Graduate School of Engineering	Oct. 12, 2015~ Oct. 11, 2017	Kinki Kyoto
QUILAIN, B.  FRANCE	Development of a new neutrino detector to study CP symmetry in T2K	Kyoto University NAKAYA, Tsuyoshi Professor Graduate School of Science	Apr. 16, 2015~ Apr. 15, 2017	Kinki Kyoto
SCHELL, A. W.  GERMANY	Realization of novel photonic quantum devices using nanomanipulation technology	Kyoto University TAKEUCHI, Shigeki Professor Graduate School of Engineering	Apr. 1, 2015~ Mar. 31, 2017	Kinki Kyoto
SHUKLA, C.  INDIA	Fundamental Study of Secure Quantum Communication	Nagoya University OZAWA, Masanao Professor Graduate School of Information Science	Apr. 1, 2015~ Mar. 31, 2017	Chubu Aichi
SHULMAN, A. R.  ARGENTINA	Taming single crystalline Mott insulator thin films for the prototype of Mott FET	National Institute of Advanced Industrial Science and Technology INOUE, Isao Senior Researcher Electronics and Photonics Research Institute, Correlated Electronics Group	Oct. 26, 2015~ Oct. 25, 2017	Kanto Ibaraki
SPEYER, L.  UNITED KINGDOM	Representation Theory of quiver Hecke algebras	Osaka University ARIKI, Susumu Professor Graduate School of Information Science and Technology	Sep. 14, 2015~ Sep. 13, 2017	Kinki Osaka

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TAN, D.  CHINA	Optical science of atomically thin hetero-structures and its application for solar cells	Kyoto University MATSUDA, Kazunari Professor Institute of Advanced Energy	Oct. 1, 2015~ Sep. 30, 2017	Kinki Kyoto
THEURKAUFF, J.  FRANCE	Experimental statistical physics, microscopic study of the critical Casimir force	The University of Tokyo TANAKA, Hajime Professor Institute of Industrial Science	Apr. 13, 2015~ Apr. 12, 2017	Kanto Tokyo
TONG, H.  CHINA	Glass Transition and Jamming in Systems with Well-Controlled Disorder	The University of Tokyo TANAKA, Hajime Professor Institute of Industrial Science	Nov. 29, 2015~ Nov. 28, 2017	Kanto Tokyo
TSAI, C.-H.  TAIWAN	Rise and fall of the largest animals; baleen whales (Cetartiodactyla: Mysticeti)	National Museum of Nature and Science KOHNO, Naoki Chief Curator Department of Geology and Paleontology	Oct. 1, 2015~ Sep. 30, 2017	Kanto Ibaraki
VAN MEURS, P. J.  NETHERLANDS	Mathematical analysis of dislocation dynamics and plasticity models	Kanazawa University KIMURA, Masato Professor Institute of Science and Engineering	Sep. 28, 2015~ Sep. 27, 2017	Chubu Ishikawa
WANG, B.  CHINA	Exploration of novel superconducting materials and pressure effect	The University of Tokyo UWATOKO, Yoshiya Professor The Institute for Solid State Physics	Apr. 1, 2015~ Mar. 31, 2017	Kanto Chiba
WEINER, A. K.  GERMANY	Selective mating, reproductive isolation and genetic divergence in foraminifera: understanding the nature and origin of protist species	Japan Agency for Marine-Earth Science and Technology KITAZATO, Hiroshi Director Project Team for Analyses of Changed in East Japan Marine Ecosystems	Oct. 1, 2015~ Sep. 30, 2017	Kanto Kanagawa