

# JSPS Postdoctoral Fellowship for Overseas Researcher

## FY 2019 Mathematical and physical sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
GAISIN, I. M.  AUSTRALIA	Deligne-Lusztig varieties and the Fargues-Fontaine curve	The University of Tokyo IMAI, Naoki Associate Professor Graduate School of Mathematical Sciences	Apr 1, 2019~ Mar 31, 2021	Kanto Tokyo
KWIECINSKI, J. A.  AUSTRALIA	On the Role of Mechanical Interactions in Cellular Systems	Okinawa Institute of Science and Technology Graduate University FRIED, Eliot Professor Mathematics, Mechanics, and Materials Unit	Sep 1, 2019~ Aug 31, 2021	Okinawa Okinawa
SCHRADER, P. J.  AUSTRALIA	Gradient flows on spaces of curves	Tohoku University OKABE, Shinya Associate Professor Graduate School of Science, Mathematical Institute	Sep 21, 2019~ Sep 20, 2021	Tohoku Miyagi
XU, J. Y.  AUSTRALIA	Algebraic and Combinatorial Study of Schubert Cells and Schubert Varieties	Tohoku University TANAKA, Hajime Associate Professor Graduate School of Information Sciences	Jun 10, 2019~ Jun 9, 2021	Tohoku Miyagi
KIDWAI, O. A.  CANADA	Exact WKB analysis, spectral coordinates, and topological recursion	Nagoya University IWAKI, Kohei Assistant Professor Graduate School of Mathematics	Sep 13, 2019~ Sep 12, 2021	Chubu Aichi
CAI, Y.  CHINA	Automorphic L-functions and generalized theta correspondences	Kyoto University ICHINO, Atsushi Associate Professor Graduate School of Science	May 8, 2019~ May 7, 2021	Kinki Kyoto
CHEN, Y.  CHINA	Accelerated quantum control methods	RIKEN NORI, Franco Chief Scientist RIKEN Cluster for Pioneering Research	Sep 30, 2019~ Sep 29, 2021	Kanto Saitama
HU, Y.  CHINA	Structural mechanisms of crystallization and complex-liquid behaviors of phase change materials	The University of Tokyo TANAKA, Hajime Professor Institute of Industrial Science	Sep 26, 2019~ Sep 25, 2021	Kanto Tokyo









HARTER, A. K.  U.S.A.	Floquet engineering control of topological non-Hermitian systems	The University of Tokyo HATANO, Naomichi Professor Institute of Industrial Science	Nov 16, 2019~ Nov 15, 2021	Kanto Chiba
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