

**2015-2016  
JSPS Invitation Fellowships (Short-term)**

<b>Researcher</b>	<b>Title of research project</b>	<b>Host researcher</b>
Professor Philip Broadbridge La Trobe University	Exactly solvable equations for industrial and environmental heat and mass transport.	Associate Professor Kenji Kajiwara Kyushu University
Dr Paolo Falcaro CSIRO	Making new robust bioreactors for industrial application and environmental remediation.	Associate Professor Shuhei Furukawa University of Kyoto
Professor Zhengyi Jiang University of Wollongong	Mechanisms of manufacturing ultra-thin composite sheet and their micro components.	Professor Ken-ichi Manabe Tokyo Metropolitan University
Dr Vladimir Luzin ANSTO	Compilation of research results produced in studies of ITER superconducting cables by means of neutron diffraction and synchrotron radiation: Japan-Australia collaboration.	Dr Koichi Akita Japan Atomic Energy Agency (JAEA)
Dr Peter Mauch University of Western Sydney	The Jesuits and Hiroshima's reconstruction 1945-1952.	Associate Professor Thierry Robouam Sophia University
Dr John Tang The Australian National University	Industrial development in historical perspective: the rise of Japan as a modern economy.	Professor Kyoji Fukao Hitotsubashi University
Dr Hua Wang Victoria University	Corporate privacy preserving data sharing in outsourced environment.	Professor Xiaohong Jiang Future University Hakodate
Professor Arkady Zaslavsky CSIRO	Annotation and processing of sensor data streams in massively distributed Internet of Things-based computing systems.	Dr Takahiro Hara Osaka University

**2014-2015  
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<b>Researcher</b>	<b>Title of research project</b>	<b>Host researcher</b>
Professor Charles Bond The University of Western Australia	Understanding long non-coding RNA: protein complexes: important gene regulators in cancer.	Dr Shinichi Nakagawa RIKEN
Associate Professor Terence Chan University of South Australia	Practical code design for distributed storage systems.	Professor Hiroskuke Yamamoto The University of Tokyo
Dr Daniel Faith Australian Museum	Global monitoring of biodiversity: linking species range loss to loss of genetic diversity.	Professor Tetsukaza Yahara Kyushu University
Professor Weihua Li University of Wollongong	Innovative base isolation system working with stiffness softening Magnetorheological Elastomers.	Professor Masami Nakano Tohoku University
Professor Jenny Martin The University of Queensland	Membrane protein structure and function targeting the bacterial DsbB protein.	Professor Kenji Inaba Tohoku University
Professor Neville Owen Baker IDI Heart & Diabetes Institute	Building a program of collaborative research on sedentary behaviour and chronic disease prevention.	Professor Koichiro Oka Waseda University
Dr Tuquabo Tesfamichael Queensland University of Technology	Innovative thin film metal oxide nano-sensors in medical diagnostics.	Associate Professor Masashi Arita Hokkaido University
Associate Professor Wei Xiang The University of Southern Queensland	Autostereoscopic immersive 3-D video communications system for affordable distance aged care.	Professor Yongbing Zhong University of Tsukuba

**2013-2014  
JSPS Invitation Fellowships (Short-term)**

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<b>Researcher</b>	<b>Title of research project</b>	<b>Host researcher</b>
Dr Rebecca Carey University of Tasmania	Submarine volcanoes in the Izu-Bonin Arc: degassing of magna and implications for eruption processes.	Dr Kenichiro Tani Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Dr Wojciech Chrzanowski The University of Sydney	'Braille' for cells – functional surfaces that enhance implant integration.	Professor Tadashi Kokubo Chubu University
Dr Piotr Kowalczyk Curtin University	Quantum molecular dynamics designing of highly selective nanopores for H <sub>2</sub> -D <sub>2</sub> mixtures.	Professor Katsumi Kaneko Shinshu University
Dr Jian Liu The University of Queensland	Design of nanostructured porous carbon as electrode materials for supercapacitor devices.	Dr Yusuke Yamauchi National Institute for Materials Science (NIMS)
Professor David Miller James Cook University	The role of epigenetics in coral thermal tolerance.	Professor Nori Satoh Okinawa Institute of Science and Technology
Professor Emanuele Viterbo Monash University	Network coding for content-aware networks.	Professor Hiroyoshi Morita The University of Electro- Communications
Dr Ming Yan The University of Queensland	Fundamental study of Ti alloys and Ti-based metallic glasses with the Japan Synchrotron Spring-8.	Dr Shiji Kohara Japan Synchrotron Radiation Research Institute (JASRI)
Dr Serge Zhuiykov CSIRO	Atomically-thin two dimensional (2D) semiconductor nano-crystals for the next generation of advanced functional devices.	Professor Dr Nori Miura Kyushu University