

Table 8.2-1. List of long- term visiting post-docs and professors for the period 2009-2018

Name	Affiliation /Job Title	Country	Visiting Period	Host Researcher
Honorary title	Research Theme			

Fiscal 2009

Martine J. Amalvict Visiting Associate Professor	Louis Pasteur University / Associate Professor	France	2009.04.01-2009.06.30	Assoc. Prof. Wenke SUN
	Changes in absolute gravity and multi-techniques observations at Oshima-Izu volcano.			
Bruno Reynard Visiting Researcher	Ecole normal superior de Lyon / Research Director	France	2009.04.01-2009.06.30	Prof. Hitoshi KAWAKATSU
	Mineralogical interpretation of tomographic imaging of subduction zones			
Xueming Shi Visiting Associate Professor	China University of Geoscience / Associate Professor	China	2009.04.01-2009.07.31	Prof. Hisashi UTADA
	Seafloor magneto telluric (MT) data analysis, forward and inversion using FEM method			
Alexey V. Kuvshinov Visiting Professor	ETH Zurich / Senior Research Scientist	Switzerland	2009.04.13-2009.07.10	Prof. Hisashi UTADA
	Anomalous behavior of geomagnetic solar quiet daily variation in Japan and its relation to the subterranean electrical structure			
Hermann M. Fritz Visiting Associate Professor	Georgia Institute of Technology / Associate Professor	U.S.A.	2009.05.11-2009.08.10	Prof. Yoshinobu TSUJI Assistant Prof. Fukashi MAENO
	Tsunamis generated by landslides and pyroclastic flows			
John G. Anderson Visiting Professor	University of Nevada / Professor	U.S.A.	2009.07.01-2010.03.31	Prof. Kazuki KOKETSU
	Earthquake Ground Motions and Hazards			
George Helffrich Visiting Professor	University of Bristol / Professor	U.K.	2009.11.16-2010.04.30	Prof. Hitoshi KAWAKATSU
	Earth's mantle transition zone and the surface structure of the inner core			

Fiscal 2010

Paul Davis Visiting Professor	University of California, Los Angeles / Professor	U.S.A.	2010.04.01-2010.07.31	Prof. Naoshi HIRATA
	Deep earthquake physics based on a comparison of broadband seismic data sets recorded in subduction zones in Japan, Mexico, Peru			
Oleg V. Pankratov Visiting Professor	Russian Academy of Sciences / Senior Research Scientist	Russia	2010.04.26-2011.01.25	Prof. Hisashi UTADA
	Processing of controlled source electromagnetic data for volcano monitoring			
Guojie Meng Visiting Professor	China Earthquake Administration / Professor	China	2010.06.11-2010.09.10	Prof. Teruyuki KATO
	1-Hz GPS data processing and its applications to the 12 May, 2008 Ms8.0 Wenchuan earthquake			
Thorsten W. Becker Visiting Associate Professor	University of Southern California / Associate Professor	U.S.A.	2010.09.01-2010.11.30	Prof. Hitoshi KAWAKATSU
	A Multi-disciplinary Model of the Pacific Upper Mantle			
Paul A. Rydelek Visiting Professor	Carnegie Institution of Washington / Visiting Investigator	U.S.A.	2010.11.17-2011.01.3	Prof. Kazuki KOKETSU
	Deployment of internet and on-site analysis for earthquake early warning			
Kate Hui Chen Visiting Associate Professor	National Taiwan Normal University / Associate Professor	Taiwan	2010.12.01-2011.01.31	Prof. Takashi FURUMURA
	Study on slab guided wave and scattering of seismic waves			
Christine M. McCarthy Visiting Researcher	Brown University / Post-doc Researcher	U.S.A.	2011.01.01-2011.03.31	Assoc. Prof. Yasuko TAKEI
	Experimental study of seismic attenuation			

Fiscal2011

Huseyin Serdar Kuyuk Visiting Researcher	Sakarya University / Assistant Professor	Turkey	2011.04.11-2011.07.3	Prof. Kazuki KOKETSU
	Developing next generation of ground motion attenuation model for Japan and Northeast Asia			
Viatcheslav Stanislavovich Solomatov Visiting Professor	Washington University / Professor	U.S.A.	2011.07.01 - 2011.11.30	Prof. Satoru HONDA
	Effect of grain size variations on the mantle flow and seismic anomalies in mantle beneath the subduction zones			
Murray Jessica Ruth Moraleda Visiting Professor	U.S. Geological Survey / Research Geophysicist	U.S.A.	2011.09.01-2011.11.30	Assistant Prof. Junichi FUKUDA
	An algorithm for detecting transient deformation events in GPS data			

Alan William Rempel Visiting Associate Professor	Department of Geological Sciences, University of Oregon Associate Professor	U.S.A.	2012.04.01-2012.06.30	Assoc. Prof. Takahiro HATANO
	Dynamical model for fault zone thickness and its strength			
Tsukai Kevin Chao Visiting Researcher	Georgia Institute of Technology / Postdoc Fellow	U.S.A.	2012.06.28-2012.09.27	Prof. Kazushige OBARA
	Development of a mature ambient tremor detection system			
Ting Wang Visiting Associate Professor	University of Otago / Lecturer	New Zealand	2012.07.01-2012.11.30	Prof. Teruyuki KATO
	Earthquake forecasting experiments based on Hidden Markov Models incorporating stationary GPS observations in Japan			
Roberto Carniel Visiting Researcher	University of Udine / Researcher	Italy	2012.07.15-2012.10.14	Prof. Minoru TAKEO
	Volcanic regimes characterization			
Ramon Carbonell Visiting Professor	CSIC, Spanish National Research Council Professor of Research	Spain	2012.07.16-2012.11.30	Assoc. Prof. Takashi IDAKA
	Seismic Imaging the structure of the Upper Mantle in different tectonic scenarios			
Michael Halford Taylor Visiting Associate Professor	University of Kansas / Associate Professor	U.S.A.	2012.08.01-2012.11.30	Assistant Prof. Tatsuya ISHIYAMA
	Understanding recurrence intervals of large earthquakes in southern Japan: implications for improving seismic hazard mitigation			
Stuart Anthony Henrys Visiting Professor	GNS Science / Principal Scientist	New Zealand	2012.08.04-2012.12.03	Prof. Hiroshi SATO
	Unlocking the seismic zone: determining physical properties of the plate interface beneath the North Island of New Zealand.			
Jinhai Yu Visiting Professor	Graduate University, Chinese Academy of Science Professor	China	2012.08.30-2012.11.29	Prof. Shuhei OKUBO
	Theoretical and algorithmic study on recovering global gravity field using GOCE data.			
Sergy Svitlov Visiting Researcher	Friedrich-Alexander University Erlangen-Nuremberg Research Scientist	Germany	2012.09.01-2013.02.28	Assoc. Prof. Akito ARAYA
	Improvements in a free-fall absolute gravimeter with application in geophysical observations			
Richard Foa Katz Visiting Researcher	Oxford University / University Lecturer	U.K.	2012.09.03-2012.12.02	Assoc. Prof. Yasuko TAKEI
	Rheological anisotropy in partially molten aggregates: Application to laboratory experiments and melt extraction from the mantle			
Pascal Tarits Visiting Professor	University of Western Brittany / Professor	France	2013.03.04-2013.06.03	Prof. Hisashi UTADA
	Electrical conductivity distribution in the Earth: Global and regional approaches			

Fiscal 2013

Abhey Ram Bansal	National Geophysical Research Institute Senior Scientist	India	2013.03.17-2013.09.16	Assoc. Prof. Hiroshi TSURUOKA
Visiting Associate Professor	A systematic statistical analysis of global seismicity			
Dun Wang	Disaster Prevention Research Institute of Kyoto University Postdoctoral Fellow	China	2013.04.01-2013.09.30	Prof. Hitoshi KAWAKATSU
Visiting Researcher	A real time monitoring system for fast determination of rupture processes of large earthquakes			
Xiaowei Chen	University of California, San Diego / Postdoc Fellow	U.S.A.	2013.04.01-2013.07.31	Assistant Prof. Aitaro KATO
Visiting Researcher	Characteristic of earthquake clustering in different tectonic environments			
Giovanni Occhipinti	IPGP/University Paris Diderot / Associate Professor	France	2013.04.04-2013.08.03	Assistant Prof. Shingo WATADA
Visiting Associate Professor	Full 3D propagation of acoustic-gravity waves generated by earthquakes and tsunami in a realistic atmosphere			
Patrick Allard	IPGP / CNRS / Director of Research	France	2013.04.08-2013.07.07	Prof. Minoru TAKEO
Visiting Professor	Monitoring of volcanic activity based on geochemical and geophysical observations			
Guangyu Fu	Institute of Earthquake Science, China Earthquake Administration /Associate Professor	China	2013.04/16-2013.08.15	Assistant Prof. Yoshiyuki TANAKA
Visiting Associate Professor	Visco-elastic spherical dislocation theory and its application to the Tohoku-Oki Mw9.0 earthquake			
Thomas Martin Hearn	New Mexico State University / Associate Professor	U.S.A.	2013.10.01-2013.12.31	Prof. Hitoshi KAWAKATSU
Visiting Associate Professor	Amplitude/attenuation tomography for NE China and Japanese islands			
Marco Brenna	Massey University / Research Officer	New Zealand	2013.10.7-2014.02.6	Prof. Setsuya NAKADA
Visiting Researcher	Magma evolution in intra-plate alkaline volcanoes			
Chunsheng Lu	Cutin University /Senior Lecturer	Australia	2013.12.01-2014.02.28	Prof. Takehiro KOYAGUCHI
Visiting Researcher	Microscopic Mechanisms of frictional Creep			
Douglas A. Wiens	Washington University / Professor	U.S.A.	2014.01.09-2014.06.08	Prof. Hitoshi KAWAKATSU
Visiting Professor	The Structure of Pacific Island Arc-Backarc Systems			

Fiscal 2014

Adrien OTH	European Center for Geodynamics and Seismology Research Scientist	Luxembourg	2014 .4 .1 -2014 .6 .30	Assistant Prof. Hiroe MIYAKE
Visiting Researcher	Exploring the impact of lateral stress drop variations on ground motion and seismic intensity observations			
Vanessa Mary Rachel ANDRADE	Centre for Earth Sciences, Indian Institute of Science, Bangalore /Research Associate	India	2014 .4 .1 -2014 .9 .30	Prof. Kenji SATAKE
Visiting Researcher(PD)	Paleo earthquake and tsunami events along coastal lowlands			
Xin ZHOU	University of Chinese Academy of Sciences Research Scientist	China	2014 .4 .1 -2014 .12 .31	Prof. Shuhei OKUBO
Visiting Researcher(PD)	Study on post-seismic deformations of the 2011 Tohoku (Mw 9.0) mega thrust from geodetic data			
Won Young KIM	Lamont-Doherty Earth Observatory, Columbia University Lamont Research Professor	U.S.A.	2014 .4 .27 -2014 .8 .6	Prof. Kenji SATAKE
Visiting Professor	Plate-Margin Earthquakes in Far East around SW Japan – Yellow Sea Region			
Severine ROSAT	IPGS-EOST (CNRS and Univ. of Strasbourg) Research Associate	France	2014 .5 .26 -2014.8 .25	Assistant Prof. Shingo WATADA
Visiting Researcher	Reduction of atmospheric pressure noise on horizontal seismograms of F-net stations in the long-period seismic band			
Chin-Wu CHEN	Institute of Oceanography at the National Taiwan University /Assistant Professor	Taiwan	2014 .6 .15 -2014 .9 .14	Assistant Prof. Fukashi MAENO
Visiting Researcher	(1) temporal change in seismic velocity structure of the Soufriere Hills Volcano in Montserrat, West Indies (2) using Japanese seismic network data to image subduction zones around Taiwan			
Benchun DUAN	Department of Geology & Geophysics, Texas A&M University /Associate Professor	U.S.A.	2014 .7 .16 -2014 .11 .15	Assoc. Profs. Nobuki KAME
Visiting Associate Professor	Controls on Rupture Propagation of the 2011 Mw9.0 Tohoku-Oki Earthquake			
Anne F. SHEEHAN	Geological Sciences University of Colorado at Boulder Professor	U.S.A.	2014 .8 .26 -2014 .12 .15	Prof. Hitoshi KAWAKATSU
Visiting Professor	Seafloor sediment and crustal structure from joint inversion of seafloor compliance, receiver functions, and surface waves			
Einat LEV	Lamont-Doherty Earth Observatory, Columbia University Lamont /Assistant Research Professor	U.S.A.	2014 .9 .1 -2014 .11 .26	Assistant Prof. Fukashi MAENO
Visiting Researcher	Emplacement and Rheology of the Shinmoedake 2011 Lava Dome			

Fiscal 2015

Janire PRUDENCIO Visiting Researcher (PD)	Andalusian Institute of Geophysics and Prevention of Seismic Disasters, University of Granada/ Researcher	Spain	2015.4.1-2015.8.26	Prof. Minoru TAKEO
	2D and 3D attenuation structure beneath Asama volcano			
Yun-Ruei CHUANG Visiting Researcher (PD)	Department of Geological Sciences Indiana University Bloomington/ Postdoctoral Researcher	Taiwan	2015.4.1-2015.9.30	Assistant Prof. Junichi FUKUDA
	Spatiotemporal evolution of slow-slip events at northeastern Taiwan			
Jun KORENAGA Visiting Professor	Department of Geology and Geophysics, Yale University Professor	U.S.A.	2015.4.1-2015.6.30	Prof. Hitoshi KAWAKATSU
	Resolving the fine-scale mantle structure by dual bootstrap stack			
Soumyajyoti BISWAS Visiting Researcher (PD)	Condensed Matter Physics Division Saha Institute of Nuclear Physics/ Senior Researcher	India	2015.4.20-2015.9.11	Associate Prof. Takahiro HATANO
	Effects of stress and fractal dimension on earthquake statistics and fracture propagation			
Chastity AIKEN Visiting Researcher (PD)	School of Earth and Atmospheric, Georgia Institute of Technology/ Postdoctoral	U.S.A.	2015.7.1-2015.12.28	Prof. Kazushige OBARA
	Microearthquake Triggering in Geothermal /Volcanic Regions of Japan			
Patrick ALLARD Visiting Professor	Institut de Physique du Globe de Paris (IPGP) Director of Research	France	2015.9.30-2015.12.28	Prof. Minoru TAKEO Associate Prof. Mie ICHIHARA
	(1)Research on the dynamics of volcanic eruption based on multidisciplinary observations nearby a crater (2)deals with the in situ study/survey of gas emanations (CO2, helium, radon, etc.) in drilled wells on Miyakejima volcanic island (3)Education proposal, give a course" Role and responsibilities of the expert in risk assessment and scientific communication during volcanic emergencies"			
Michael S. THORNE Visiting Associate Professor	Dept. of Geology & Geophysics, University of Utah Associate Professor	U.S.A.	2015.10.1-2016.1.31 (2016.2.1-5外来研究員)	Associate Prof. Nozomu TAKEUCHI
	Seismic array constraints on deep mantle layering			
Serge GUILLAS Visiting Associate Professor	Department of Statistical Science, University College London	U.K.	2015.9.1-2015.11.30 (2015.12.1-23 外来研究員)	Prof. Kenji SATAKE
	Statistical evaluation of uncertainties for tsunami simulation and inversion			
Carsten ROTT Visiting Assistant Professor	Sungkyunkwan University/ Assistant Professor	Korea	2016.1.4-2016.2.29 (2016.3.9-26外来研究員)	Prof. Shuhei OKUBO Assistant Prof. Akimichi TAKETA
	Warer Content Measurement in the Mantle using Neutrino Beams			

Fiscal 2016

Jennifer Aurélie Louise WEIL-ACCARDO Visiting Assistant Professor	Institut de Physique du Globe de Paris (IPGP) Post-doctoral	France	2016.2.20-2016.12.21	Prof. Kenji SATAKE
	The use of coral microatolls in the Ryukyus arc to document relative sea-level changes related to the megathrust and the climate			
Shuo MA Visiting Associate Professor	San Diego State University / Associate Professor	U.S.A.	2016.4.1-2016.6.30	Assoc. Prof. Nobuki KAME
	Fault Gouge Plasticity and High-Frequency Seismic Radiation on Rough Faults			
Reyko SCHACHTSCHNEIDER Visiting Researcher	German Research Centre for Geosciences (GFZ) / Post-	Germany	2016.4.01-2016.6.30	Assistant Prof. Takao KOYAMA
	Optimal instrument and flight configuration for revealing the 3D rock magnetization structure using small autonomus unmanned vehicles (drones)			
Xiang GAO Visiting Researcher (PD)	Key Laboratory of Marine Geologyand Environment, Institute ofOceanology, Chinese Academy of Sciences	China	2016.4.1-2016.9.30	Prof. Makoto YAMANO
	Role of temperature and fluids on subduction zone earthquakes			
Vincent STRAK Visiting Researcher (PD)	School of Earth, Atmosphere and Environment, Monash University / Research Fellow	Australia	2016.4.1-2016.9.30	Prof. Naoyuki KATO
	Towards simulating the earthquake cycle in fully dynamic regional models of subduction			
Teimuraz MATCHARASHVILI Visiting Professor	Dept. of Dynamics of GeophysicalFields and Computational Geophysics, M. Nodia Institute	Georgia	2016.7.4-2016.10.3	Assoc. Prof. Takahiro HATANO
	Scaling features of earthquakes time distribution - field and model data analysis			
	Waveform Tomography Using BBOBS Data			
Martha SAVAGE Visiting Professor	Institute of Geophysics, School of Earth Science, Victoria University of Wellington / Professor	New Zealand	2016.10.10-2017.1.20	Assistant Prof. Yosuke AOKI Assoc. Prof. Kimihiro MOCHIZUKI
	Developing new ways to monitor cracking in the Earth			

Fiscal 2017

Puspendu SAHA Visiting Researcher (PD)	Experimental Tectonics Laboratory, Department of Geology, University of Calcutta / CSIR Senior Research	India	2017.2.1-2017.7.31	Assoc. Prof. Masao NAKATANI
	Stress accumulation and relaxation in 'soft' outer wedge in subduction zones: an experimental approach			
Md Jakir HOSSEN Visiting Researcher (PD)	Department of Mathematics and Natural Sciences BRAC University / Assistant Professor	Bangladesh	2017.5.1-2018.3.31	Prof. Kenji SATAKE
	Observation sensitivity analysis for tsunami source inversion			
Hengxin REN Visiting Researcher	School of Earth and Space Sciences, University of Science and Technology of China / Assistant Professor	China	2017.6.1-2017.10.31	Assoc. Prof. Makoto UYESHIMA
	Study on the co-seismic electric signals observed during the April 15, 2016 Kumamoto, Japan earthquake of M7 based on comparison with theoretical numerical simulations			
Anna D. AVDEEVA Visiting Researcher	Department of Geology, University of Leicester / Honorary Visiting Fellow	U.K.	2017.6.1-2017.11.30	Assistant Prof. Kiyoshi BABA
	Imaging Nishinoshima magma chamber with electromagnetic method.			
Jing WU Visiting Assistant Professor	Institute of Geology and Geophysics, Chinese Academy of Sciences / Associate Professor	China	2017.8.1-2017.10.31	Assoc. Prof. Takashi IIDAKA
	Study on the crustal anisotropy in the rupture zone of the Kumamoto earthquake by using shear wave splitting			
YoungHee KIM Visiting Assistant Professor	School of Earth and Environment Sciences, Seoul National University / Associate Professor	South Korea	2017.12.1-2018.2.28	Prof. Hitoshi KAWAKATSU
	Scattered wavefield imaging of the Japan subduction structure using Hi-net array			
Subhadeep ROY Visiting Researcher (PD)	The Institute of Mathematical Sciences / Senior Research Fellow	India	2017.8.1-2018.8.31	Assoc. Prof. Takahiro HATANO
	Study of the Laws of Earthquake in Fiber Bundle Model, a Statistical Model for Fracture			

Fiscal 2018

Thomas FERRAND Project Researcher (PD)	Earth & Environmental Sciences, Ecole Normale Supérieure, Paris, France / (~2017.8まで) Postdoctoral	フランス	2018.2.1-2019.1.31	Assoc. Prof. Takehiko HIRAGA
	TROPICO – TRansforming Olivine: Plasticity & Induced Crystallographic Orientation			
Lingling YE Project Researcher (PD)	Seismological Laboratory – Geology and Planetary Sciences – California Institute of Technology / Director's	USA	2018.2.1-2018.7.31	Prof. Kenji SATAKE
	Study of Tsunami and Tsunamigenic Earthquakes in the Aleutians			
Ranjith KUNNATH Project Associate Professor	Mahindra École Centrale, Hyderabad, India / Professor	インド	2018.5.1-2018.8.31	Assoc. Prof. Nobuki KAME
	Computational studies of interfacial wave solutions and their effect on slip stability			
Ramin MOTAMED Project Researcher	Department of Civil and Environmental Engineering University of Nevada, Reno / Assistant Professor	USA	2018.5.21-2018.8.20	Prof. Muneo HORI
	Advancing Knowledge in Soil-Structure-Interaction and Validation of Three-Dimensional Simulations Utilizing Instrumented Nuclear Structure Data in Japan			
Utsav MANNU Project Researcher (PD)	ETH, Zürich / Post-doc	スイス	TBD	Prof. Masataka KINOSHITA
	Mechanism of décollement evolution in the Nankai accretionary wedge			
Tawat RUNG-ARUNWAN Project Researcher (PD)	Curl-E Geophysics Co., Ltd. / Research geophysicist	タイ	2018.10.1-2019.3.31	Prof. Hisashi UTADA
	Three-Dimensional Inversion for Distorted Magnetotelluric Data.			
Yang SHEN Project Professor	Graduate School of Oceanography, University of Rhode Island / Professor	USA	TBD	Prof. Hitoshi KAWAKATSU
	Three-Dimensional Passive-Source Reverse-Time Migration Imaging of the Japan Subduction Zone			
Virgile RAKOTO Project Researcher (PD)	Institut de Physique du Globe de Paris (IPGP) / Postdoctoral Fellow, SIREAL European Research Council	フランス	2018.7.1-2018.10.31	Assistant Prof. Shingo WATADA
	Tsunami Height and waveform inversion from TEC data – Integration of bathymetry and coastal reflection effects			
Derek J WELLER Project Researcher (PD)	the Institute of Arctic and Alpine Research (INSTAAR)- University of Colorado at Boulder / Graduate Laboratory Assistant	USA	2018.12.1-2019.3.31	Assistant Prof. Yosuke AOKI
	Constraining the past and present magmatic plumbing system beneath Miyakejima volcano, Japan			
Shaoyang LI Project Researcher (PD)	German Research Centre for Geosciences (GFZ) and Freie Universität Berlin, Germany / Postdoctoral fellow	ドイツ	2019.1.1-2019.6.30	Assistant Prof. Junichi FUKUDA
	Towards fully resolving viscoelastic relaxation process following the 2011 Tohoku-oki earthquake			

Table 8.2-2. List of short- term visiting post-docs and professors for the period 2009-2018

Name	Affiliation /Job Title	Country	Visiting Period	Host Researcher
Research Theme				

Fiscal 2009

Jean-Paul Montagner	IPGP / Professor	France	2009.04.04-2009.05.02	Prof. Hitoshi KAWAKATSU
	Collaboration study of time-reversal source-imaging and mantle seismic anisotropy			
Maurizio Ripepe	University of Florence / Professor	Italy	2009.05.18-2009.06.14	Assoc. Prof. Takao OHMINATO
	Study on physical process of the infrasound excitation at active volcanoes			
Luis Rivera	Université Louis Pasteur / Professor	France	2009.05.31-2009.7.19	Assistant Prof. Hiroshi TSURUOKA
	Collaboration of W phase inversion and GRiD MT			
Javed H. N. Mallik	Indian Institute of Technology / Associate Professor	India	2009.06.10-2009.07.10	Prof. Kenji SATAKE
	Paleoseismology and Active Tectonics of Andaman Islands			
Hossein Sadeghi	Ferdowsi University of Mashhad / Assistant Professor	Iran	2009.07.29-2009.09.01	Prof. Kazuki KOKETSU, Assistant Prof. Hiroe MIYAKE
	Joint Research on Strong Ground Motion during the 2003 Bam, Iran, Earthquake			
Peter Shearer	Scripps Institution of Oceanography UC San Diego Professor	U.S.A.	2009.08.26-2009.09.17	Assistant Prof. Satoko OKI
	To have lecture course for undergrad and graduate students			
Neil M. Ribe	University Paris SUD 11 / Professor	France	2010.02.25-2010.03.15	Prof. Kei KURITA
	Fate of Subducted Plate in Mantle Dynamics			
Ralph J. Archuleta	UC Santa Barbara/Professor	U.S.A.	2010.03.13-2010.04.09	Prof. Kazuki KOKETSU
	Source Studies of Recent Large Earthquake			

Fiscal 2010

Andrew Jackson	ETH-Zurich/Professor	Switzerland	2010.04.10-2010.05.04	Assoc. Prof. Hisayoshi SHIMIZU
	Mathematical Geophysics / Geomagnetism			
Bruno Reynard	CNRS & Ecole normale supérieure de Lyon / Professor	France	2010.05.15-2010.06.19	Assistant Prof. Kenji MIBE
	Seismic signature of hydrated rocks and fluid-rock interaction in subduction zones			
Changsheng Jiang	Institute of Geophysics, China Earthquake Administration Associate Professor	China	2010.05.21-2010.06.20	Prof. Naoshi HIRATA
	Collaboration for the Study of Earthquake Forecasting for Japan and China			
Matthew C. Gerstenberger	GNS Science / Researcher	New Zealand	2010.05.21-2010.06.06	Prof. Naoshi HIRATA
	Collaboration for the Study of Real-Time Aftershock Hazard Maps			
Prakash Kumar	National Geophysical Research Institute / Researcher	India	2010.05.31-2010.07.16	Prof. Hitoshi KAWAKATSU
	Collaborative study of lithosphere-asthenosphere boundary			
Florian C. Fulle	Univ. of Western Australia / Associate Research Professor	Australia	2010.09.04-2010.10.03	Assoc. Prof. Yasuko TAKEI
	Real-time monitoring of melt configuration in rock analogues in 3D			
Luis A. Dalguer	ETH-Zurich / Research Scientist	Switzerland	2010.10.01-2010.10.31	Prof. Teruo YAMASHITA
	Theoretical study on dynamic earthquake rupture on a biomaterial interface and high-frequency radiation			
Jean-Pierre Vilotte	IPGP / Professor	France	2010.10.23-2010.11.23	Prof. Teruo YAMASHITA
	Theoretical study of dynamic earthquake rupture			
Danijel Schorlemmer	Southern California Earthquake Center / Research Assistant	U.S.A.	2010.10.25-2010.11.09	Prof. Naoshi HIRATA
	Global Collaborative Study of Earthquake Predictability			
Nikolay A. Palshin	P.P. Shirshov Institute of Oceanology / Head of Geophysical Field Laboratory	Russia	2011.01.17-2011.03.03	Prof. Hisashi UTADA
	Northeastern Asia upper mantle electrical conductivity			

Fiscal 2011

Maximilian J. Werner	Princeton University / Postdoctoral Fellow	U.S.A.	2012.02.21-2012.03.14	Prof. Naoshi HIRATA
	Global Collaborative Study of Earthquake Predictability: Model development			
Bruce E. Shaw	Lamont Doherty Earth Observatory, Columbia Univ. Associate Research Professor	U.S.A.	2012.03.03-2012.03.18	Prof. Teruo YAMASHITA
	Theoretical study on fault geometry and earthquake dynamics			

Fiscal 2012

David Kohlstedt	University of Minnesota/Professor	U.S.A.	2012.04.02-2012.04.28	Assoc. Prof. Takehiko HIRAGA
	Effect of small melt fraction on flow strength of peridotite			
Giovanni Occhipinti	IPGP / Assistant Professor	France	2012.04.02-2012.05.31	Assistant Prof. Shingo WATADA
	Modeling of full 3D propagation of acoustic-gravity waves generated by earthquakes and tsunamis in a realistic atmosphere			
Chung-Han Chan	National Taiwan Univ. / Postdoctoral Fellow	Taiwan	2012.04.19-2012.05.29	Prof. Naoshi HIRATA
	Earthquake forecasting and probabilistic seismic hazard assessment			
Giorgio Lacanna	Firenze University / Research Assistant	Italy	2012.05.07-2012.06.06	Assistant Prof. Mie ICHIHARA
	Model of acoustic wave field of Asama Volcano			
Hermann M. Fritz	Georgia Institute of Technology / Associate Professor	U.S.A.	2012.05.15-2012.08.10	Prof. Kenji SATAKE
	Studies on the 2011 Tohoku tsunami inundation hydrodynamics and tsunamis generated by landslides and volcanic eruptions			
Stephane Santucci	Ecole Normale Supérieure de Lyon / CNRS Researcher	France	2012.05.31-2012.06.09	Assoc. Prof. Takahiro HATANO
	Relation between seismicity and fluctuations in crack tip propagation			
Jean-Christophe Nicolas Denis Geminard	Ecole Normale Supérieure de Lyon / Director of Research	France	2012.05.31-2012.06.09	Prof. Kei KURITA
	Approach from non-linear physics to flow-fracture coexisting phenomena			
Vincent Langlois	University of Lyon / Assistant Professor	France	2012.05.31-2012.06.09	Assistant Prof. Mie ICHIHARA
	Shear localization of a 2D foam and its role in fracture in flowing magma			
Javed N. Malik	Indian Institute of Technology, Kanpur / Associate Professor	India	2012.06.01-2012.06.27	Prof. Kenji SATAKE
	A study on tsunamis and land-level change signatures caused by 11 March 2011, Tohoku earthquake in Japan			
Luis Alberto Rivera	Université de Strasbourg / Professor	France	2012.06.21-2012.07.19	Assoc. Prof. Hiroshi TSURUOKA
	Development of GRiD MT with W phase monitoring on global case			
Martha Kane Savage	Victoria University of Wellington / Professor	New Zealand	2012.08.04-2012.08.18	Assistant Prof. Yosuke AOKI
			2012.10.13-2012.11.30	
Temporal changes of seismic anisotropy in seismic and volcanic areas.				
Thorsten Wolfgang Becker	University of Southern California / Associate Professor	U.S.A.	2012.10.22-2012.11.03	Prof. Hitoshi KAWAKATSU
	A Multi-disciplinary Model of the Pacific Upper Mantle			
Jean-Paul Montagner	IPGP / Professor	France	2012.10.29-2012.11.24	Prof. Hitoshi KAWAKATSU
	Seismic anisotropy using surface wave higher modes.			
Benoit Taisne	Earthquake Observatory Singapore / Assistant Professor	Singapore	2013.03.10-2013.03.17	Assistant Prof. Yosuke AOKI
	Physics of magma transport from physical models and observational data			
Paul Segal	Stanford University / Professor	U.S.A.	2013.03.16-2013.03.24	Assistant Prof. Junichi FUKUDA
	A real-time method for detecting transient deformation signals in GPS time series			

Fiscal 2013

Seiki Asari	GFZ, University of Potsdam / Scientific Research Fellow	Germany	2013.04.25-2013.05.30	Assoc. Prof. Hisayoshi SHIMIZU
	Probing core-mantle dynamics based on geomagnetic observations			
Alexandre Schubnel	Ecole Normale Supérieure / Associate Researcher	France	2013.04.11-2013.06.09	Assoc. Prof. Takahiro HATANO
	Experimental Rock Fracture Mechanics			
Zhigang Peng	The Georgia Institute of Technology / Associate Professor	U.S.A.	2013.05.31-2013.06.11	Prof. Kazushige OBARA
	Improved understanding of dynamic triggering of deep tremor by shallow huge earthquakes			
Falk Amelung	University of Miami / Professor	U.S.A.	2013.06.16-2013.08.11	Assistant Prof. Yosuke AOKI
	Ground deformation of active Javanese volcanoes			
Takaaki Taira	University of California, Berkeley Assistant Research Seismologist	U.S.A.	2013.06.17-2013.08.16	Assistant Prof. Aitaro KATO
	Investigating Spatiotemporal Behavior of Repeating Micro earthquakes and Migration of Hydrothermal Fluid at Geothermal Areas.			
Roberto Crniel	University of Udine / Lecturer	Iran	2013.06.28-2013.08.05	Prof. Minoru TAKEO
	Signal separation and volcanic regimes characterization			
Jacques Paul Zlotnicki	OPGC-CNRS / Director of Researches	France	2013.07.15-2013.07.29	Assoc. Prof. Makoto UYEHISMA
			2013.10.7-2013.10.18	
evaluation of EM phenomena before and after the 2000 summit eruption of Miyakejima-island				
Laura Pioli	University de Genève / Research Associate	Switzerland	2013.7.18-2013.8.23	Prof. Kei KURITA, Assistant Prof. Mie ICHIHARA
	Comparative study of microstructure of pyroclasts by vesiculation			
Heidi Beth Houston	University of Washington / Professor	U.S.A.	2013.09.03-2013.09.28	Prof. Kazushige OBARA
	Tremor migration patterns in Cascadia and Japan and relation to slow slip timing			
John Emilio Vidale	University of Washington / Professor	U.S.A.	2013.09.13-2013.09.28	Prof. Kazushige OBARA
	Relation between slow slip and regular earthquakes			
Elizabeth Hale Madden	University of Massachusetts, Amherst / Postdoc	U.S.A.	2013.09.16-2013.10.04	Assistant Prof. Hiroe MIYAKE
	Relation between topography and ground motions			
Eleonora Rivalta	GFZ Potsdam / Senior Scientist	Germany	2013.10.14-2013.11.02	Assistant Pro. Yosuke AOKI
	Physics of lateral dyke propagation			
Christine MacCarthy	Lamont-Doherty Earth Observatory, Columbia University Postdoctoral Fellow	U.S.A.	2014.3.24-2014.5.29	Assoc. Prof. Yasuko TAKEI
	Effect of dislocations on seismic wave dispersion and attenuation			

Fiscal 2014

Péter VÁN	Wigner Research Centre for Physics of the Hungarian Academy of Sciences / Associate Professor	Hungary	2014 . 7 . 15 -2014 . 8 . 30	Assoc. Prof. Takahiro HATANO
	Theoretical understanding of empirical rate and state friction law			
Elmer Neil's RUIGROK	Delft University of Technology / Postdoc	Holland	2014 . 9 . 22 -2014 . 11 . 5	Assistant Prof. Kiwamu NISHIDA
	Retrieving localized reflections and imaging the CMB below Japan			
Eric LAROSE	Institute des Sciences de la Terre Research Scientist	France	2014 . 9 . 22 -2014.10 . 6	Assistant Prof. Yosuke AOKI
	Monitoring temporal changes of seismic velocities of active volcanoes			
Norimitsu NAKATA	Stanford University / Postdoctoral Fellowship	U.S.A.	2014 . 7 . 29 -2014 . 9 . 5	Assistant Prof. Kiwamu NISHIDA
	Global-scale wave field focusing inside a medium			
Sébastien ALLGEYER	Australian National University / Postdoc Fellowship	France	2014 . 7 . 22 -2014 . 8 . 29	Assistant Prof. Shingo WATADA
	Improved modeling of tsunami waveforms and its application			

Gauthier HULOT	IPGP / Head of the Geomagnetism Group	France	2014 .7 .14 -2014 .8 .15	Assoc. Prof. Hisayoshi SHIMIZU
	Statistical properties of the geomagnetic main field variation and physical processes in the core and mantle			
Tomoo KATSURA	University of Bayreuth / Director, Professor	Germany	2015.2.19-2015.3.19	Prof. Hisashi UTADA
	Investigation of the structure and dynamics of the deep mantle based on the mineral physics and geophysical observation			
Alexey KUVSHINOV	ETH / Senior Research Scientist	Russia	2015.3.28-2015.4.19	Prof. Hisashi UTADA
	Probing mantle structure by ocean tide EM induction			
Olivier COUTANT	Institute des Sciences de la Terre / Professor	France	2014 .9 .22 -2014.10 .3	Assistant Prof. Yosuke AOKI
	Investigating seismic velocity and density structure beneath active volcanoes			

Fiscal 2015

Richard Foa KATZ	Department of Earth Sciences University of Oxford Associate Professor	England	2015.3.23-2015.4.17	Assoc. Prof. Yasuko TAKEI
	The rheology and dynamics of partially molten rock			
Claudio FACCENNA	Università Roma TRE / Professor	Italy	2015.5.7-2015.5.22	Prof. Hitoshi KAWAKATSU
	Tectonics and dynamics of NW Pacific subduction zones			
Lingsen MENG	University of California, Los Angeles / Assistant Professor	U.S.A.	2015.7.13-2015.8.24	Prof. Kazushige OBARA
	Foreshocks of Large Interplate Earthquakes: Slow Slip or Cascade Triggering?			
Robert Lewington EVANS	Woods Hole Oceanographic Institution / Assistant Professor	U.S.A.	2015.6.7-2015.7.11 2016.3.15-2016.3.25	Assistant Prof. Kiyoshi BABA
	Oceanic lithospheric and asthenospheric structure			
Julien SCHEIBERT	Ecole Central de Lyon / Chargé de Recherche (CR2), CNRS	France	2015.9.11-2015.9.25	Assoc. Prof. Takahiro HATANO
	Nucleation and slowslip in experiments and simulation			
Heidi Beth HOUSTON	Dept of Earth and Space Sciences, University of Washington Professor	U.S.A.	2015.9.3-2015.9.27	Prof. Kazushige OBARA
	Comparison of tremor character in Cascadia and Nankai subduction zones, including tremor migration patterns, response to tidal stressing, and distribution of seismic energy radiation			
Christopher H. SCHOLZ	Lamont-Doherty Earth Observatory of Columbia University Professor	U.S.A.	2015.5.9-2015.6.6	Prof. Teruyuki KATO
	On the role of high angle reverse fault for the formation of coastal terraces			
Reyko SCHACHTSCHNEIDER	Helmholtz Center Potsdam - GFZ German Research Center for Geosciences / Research Associate (Postdoctoral researcher)	Germany	2015.5.18-2015.7.17	Assistant Prof. Takao KOYAMA
	Development of new methods for data analysis of aeromagnetic surveys at volcanoes			
Jean-François MOLINARI	Ecole Polytechnique Fédérale de Lausanne / full professor	France	2015.9.7-2015.9.20	Assoc. Prof. Takahiro HATANO
	Simulation on acceleration dynamics prior to mainshock			
Antonio COSTA	National Institute of Geophysics and Volcanology (INGV) Bologna/ Staff Researcher	Italy	2015.4.1-2015.7.31	Prof. Takehiro KOYAGUCHI Assistant Prof. Yujiro SUZUKI
	Effects of conduit and vent geometry on column dynamics during large magnitude explosive eruptions			

Purusattam RAY	The Institute of Mathematical Sciences / Senior Professor	India	2016.4.6-2016.5.17	Assoc. Prof. Takahiro HATANO
	Physics of nucleation and its relevance to statistical seismology: a model study			
Danijel SCHORLEMMER	GFZ German Research Center for Geosciences / Senior Scientist	Germany	2016.4.30-2016.8.21	Assoc. Prof. Hiroshi TSURUOKA Assoc. Prof. Takahiro HATANO
	Spatio-temporal variations of the Gutenberg-Richter b-value in Japan before and after the 2011 Tohoku-oki earthquake			
Noelynna Tuazon RAMOS	University of the Philippines / Assistant Professor	Philippines	2016.5.15-2016.8.12	Prof. Kenji SATAKE
	Tsunami simulation for potential earthquake along Manila Trench			
Alexandre SCHUBNEL	Ecole Normale Supérieure / CNRS Associate Lecturer & CNRS researcher	France	2016.5.19-2016.5.28	Assoc. Prof. Takahiro HATANO
	Influence of small stress perturbations on earthquake triggering: a joint experimental and modeling approach			
Jun KORENAGA	Department of Geology and Geophysics, Yale University Professor	U.S.A.	2016.5.19-2016.6.24	Prof. Hitoshi KAWAKATSU
	Resolving the fine-scale mantle structure by array technique			
Alessandro BONACCORSO	Istituto Nazionale di Geofisica e Vulcanologia / Research Director	Italy	2016.5.31-2016.7.3	Assistant Prof. Yosuke AOKI
	Mechanics controlling dike arrest			
Qinghua HUANG	Peking University / Professor	China	2016.12.2-12.13 2017.1.30-2.9	Assoc. Prof. Makoto UYESHIMA
	GDS analysis of 3-component geomagnetic records in China			
Stuart HENRYS	GNS Science / Principal Scientist	New Zealand	2016.9.12-2016.12.11	Assoc. Prof. Kimihiro MOCHIZUKI
	Understanding spatio-temporal changes in stress associated with Mw6.8 SSE in the Hikurangi subduction zone			
Sergiy SVITLOV	Institute of Geodesy at the Leibniz University Hanover Research Scientist	Germany	TBD 2016.10.3-2016.11.15	Assoc. Prof. Masato ARAYA
	Development of a compact absolute gravimeter for advanced observations of volcanic activities			
Kyle Russell ANDERSON	U.S. Geological Survey / Research Geophysicist	U.S.A.	2017.1.7-2017.3.29	Prof. Takehiro KOYAGUCHI
	Bayesian modeling of effusive-explosive transitions in erupting volcanoes			

David MAINPRICE	University of Montpellier /Directeur de Recherche CNRS (DR1)	France	2017.4.3-2017.5.2	Assoc. Prof. Takehiko HIRAGA
	Grain boundary plane analysis using electron back scatter diffraction (EBSD) system			
Jean-Paul MONTAGNER	Institut de Physique du Globe de Paris (IPGP) /Professor	France	2017.6.14-2017.6.30	Prof. Hitoshi KAWAKATSU
	Seismic anisotropy and promotion of Pacific Array			
Anne F. SHEEHAN	University of Colorado at Boulder /Professor	U.S.A	2017.6.8-2017.7.7	Prof. Kenji SATAKE
	Array Studies of Tsunami Wave Propagation from Temporary Ocean Bottom Pressure Gauge Deployments			
Osvanny RAMOS	Université Claude Bernard Lyon 1 /Associate Professor	France	2017.7.10-2017.8.7	Assoc. Prof. Takahiro HATANO
	Modeling of aftershock-like phenomena in subcritical crack growth			
Konstantinos KONSTANTINO	National Central University /Associate Professor	Taiwan	2017.6.26-2017.8.11	Assoc. Prof. Mie ICHIHARA
	Nonlinear time series analysis of laboratory and observed volcanic tremor signals			
Jamileh VASHEGHANI FARAHANI	Institute of Geophysics, University of Tehran / Doctorate (Ph.D.), Engineering Seismologist	Iran	2017.6.29-2017.8.6	Assoc. Prof. Hiroe MIYAKE
	Analyses of Induced and Natural Earthquakes in South African Gold Mines			
Darren McClurg GRAVLEY	University of Canterbury /Senior Lecturer	New Zealand	2017.6.28-2017.7.13	Assistant Prof. Fukashi MAENO Assoc. Prof. Mie ICHIHARA
	Crustal instability and magma storage architecture during an intense ignimbrite flare-up: Comparative study between Japan and New Zealand			
Bernhard Maximilian STEINBERGER	Helmholtz Centre Potsdam, GFZ German Research Centre for Geosciences /Researcher	Germany	2017.7.1-2017.8.4 2017.8.21-2017.9.3	Assistant Prof. Kiyoshi BABA
	Models of mantle flow associated with the Hawaii-Emperor Bend			
Mikhail KRUGLYAKOV	ETH Zurich /Postdoctoral Fellow	Switzerland	2017.9.29-2017.12.4	Assistant Prof. Takao KOYAMA
	Anisotropic 3D EM inversion and its application of oceanic crust structure			
Weijia KUANG	NASA Goddard Space Flight Center /Geophysicist/Applied Mathematician	U.S.A	2017.10.6-2017.12.2	Assoc. Prof. Hisayoshi SHIMIZU
	Short time-scale geomagnetic field variation and deep-Earth dynamics			
Alexey KUVSHINOV	ETH Zurich /Venia Legendi, Head of EM group	Switzerland	2018.3.1-2018.3.31	Prof. Hisashi UTADA
	Detecting lateral variations of upper mantle electrical conductivity using magnetic and electric data from Japanese geomagnetic observatories			