

Japan - Latin America Academic Conference 2018 in Nikko

Seismology, Earth Sciences & Natural Disasters:  
Ground motion variability and inter-period correlation from physics-based synthetic

Workshop 2

	name	University, Institution, company
Co-chair	Kenji Satake	Earthquake Research Institute, the University of Tokyo
	Satoshi Ide	Graduate School of Science, the University of Tokyo
	Sergio Ruiz	Geophysics Department, Universidad de Chile
	Rodrigo Cienfuegos	CIGIDEN, Pontificia Universidad Católica de Chile

		09:00	~	09:20	Name	Title
	Registration	09:00	~	09:20		
	Welcome and Opening Remarks	09:20	~	09:25		
	Workshop Introduction	09:25	~	09:30	co-chairs	-
		09:30	~	10:00	Sergio Ruiz (U Chile)	Stochastic strong motion simulation in borehole and on surface for the Mw 9.0 Tohoku-Oki 2011 mega-thrust earthquake considering P, SV and SH amplification transfer functions
	① 9:30-11:00	10:00	~	10:30	Kenji Satake (U Tokyo)	Source of the 1960 Chile earthquake estimated from geodetic and tsunami data
		10:30	~	11:00	Jorge Crempien (PUC)	Ground motion variability and inter-period correlation from physics-based synthetic simulations
	coffee break	11:00	~	11:30	Sehime-monogatari Convention hall	
		11:30	~	12:00	Satoshi Ide (U Tokyo)	Slow earthquakes in Japan and Latin America
	② 11:30-13:00	12:00	~	12:30	Vlad Constantin Manea (UNAM)	Slow-slips and tectonic tremors diversity in subduction zones
		12:30	~	13:00	Takashi Iidaka (U Tokyo)	The amplitude variation of the reflected wave from the subducting Philippine Sea plate around the source region of non-volcanic tremor
	Lunch	13:00	~	14:30	Sehime-monogatari Convention hall	
		14:30	~	14:45	Javier Ojeda (U Chile student)	High frequency sources controls strong motion of Mw 8.8 Maule 2010 earthquake
		14:45	~	15:00	Miguel Saez (U Chile student)	Controls on the T-phase energy flux recorded on Juan Fernandez Island by continental seismic waves path and Nazca bathymetry
	③ 14:30-16:00	15:00	~	15:15	Ta-Wei Chang (U Tokyo student)	Anchoring Megathrust Slip & Neighboring Seismicity: An Empirical Study on Large Subduction Zone Earthquakes
		15:15	~	15:30	Kellen Azua (U Chile student)	Tomography of Mejillones Peninsula in Northern Chile using ambient seismic noise.
		15:30	~	15:45	Marco Quiroz (PUC student)	Tsunami observations and modeling for recent events along the coast of Chile
		15:45	~	16:00	Yuchen Wang (U Tokyo student)	Tsunami Data Assimilation with Virtual Stations: Application to New Zealand and Chile
	coffee break	16:00	~	16:30	Sehime-monogatari Convention hall	
		16:30	~	17:00	Sergio Sepúlveda (U Chile /	Recent earthquake-induced landslides in Chile: The cases of Aysen 2007 and Maule 2010 earthquakes
	④ 16:30-18:00	17:00	~	17:30	Rodrigo Cienfuegos (PUC)	Tsunami hazard assessment for early warning and evacuation: from technological positivism to cautionary pragmatism
	Forum Logistics Announcements		~			
			~			
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	Welcome and Opening Remarks	09:20	~	09:25		
	Workshop Introduction	09:25	~	09:30	co-chairs	-
		09:30	~	10:00	Masa Kinoshita (U Tokyo)	Exploring the thermal structure of Chile Triple Junction using R.V Mirai
	⑤ 9:30-11:00	10:00	~	10:30	Linda Daniele (U Chile)	Hot fluids, water-rock interactions and faults: implication for reservoirs in Patagonia
		10:30	~	11:00	Hikaru Iwamori (U Tokyo)	Geodynamic modelling of subduction zone processes with fluid-rock interaction
	coffee break	11:00	~	11:30	Sehime-monogatari Convention hall	
		11:30	~	12:00	Yusuke Yamanaka (U Tokyo)	The 2011 Tohoku tsunami and collapsed coastal structures in Ryori Bay
	⑥ 11:30-13:00	12:00	~	12:30	Yolanda Alberto (U Tokyo)	Seismic resilience of water systems
		12:30	~	13:00	Alondra Chamorro (PUC)	Risk and resilience of critical infrastructure systems exposed to natural hazards: the case of the Chilean road network
	Lunch	13:00	~	14:30	Sehime-monogatari Convention hall	
	⑦ 14:30-16:00		~		Tour of Nikko botanical garden UTokyo_1st	
	coffee break	16:00	~	16:30	Sehime-monogatari Convention hall	
	⑧ 16:30-18:00		~			
	Workshop dinner		~			