

TRONADOR ROOM - SYMPOSIUM II

FRIDAY 25 - BLOCK X - SESSION 2.8

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CHAIRS		Sebastian Müller - Matthieu Poret	
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
09:00 - 11:30	09:00 - 09:15	Fine ash aggregation in the atmosphere: How sensitive is it to atmospheric and volcanic conditions?	Larry G. Mastin ¹ , Alexa Van Eaton ¹ , Adam Durant ^{2,3} , Roger Denlinger ¹
	09:15 - 09:30	VOLCANIC ASH AGGREGATION: A NEW STRATEGY FOR A THEORETICAL DESCRIPTION	Eduardo Rossi, Costanza Bonadonna
	09:30 - 09:45	Effects of volcanic ash fallout and resuspension events on aviation: the 2015 Calbuco eruption example	Reckziegel, F. (1)(*), Bustos, E.(1), Mingari, L. (2), Báez, W. (1), Folch, A. (3), Romero, J. (4, 5), Ródano, R. (6), Villarosa, G. (7),
	09:45 - 10:00	Petrological variability between paroxysmal eruptions at Volcán de Fuego, Guatemala, from community-based volcanic ash sampling	Emma J. Liu (1), Katharine V. Cashman (1), Gustavo Chigna (2), Alison C. Rust (1), Benjamin Bernard (3)
	10:00 - 10:15	An experimental approach to quantify visibility in volcanic ashfall: impacts on surface transportation (ORAL)	Daniel M Blake 1, Thomas M Wilson 1, Carol Stewart 2
	10:15 - 10:30	Propagation of eruptive plumes to "non traditional" directions in northern Chile: Examples from Isluga and Lascar volcanoes	Alfredo Esquivel 1,2, Julio Cortes3, Felipe Aguilera1
	10:30 - 10:45	Accounting for Aggregation in Operational Dispersion Models	F.M. Beckett (1), E. Rossi (2), B.J. Devenish (1), C. Bonadonna (2), D.J. Thomson (1), C.S. Witham (1)
	10:45 - 11:00	The origin of secondary mass maxima in tephra fall deposits	Julia Eychenne, Alison Rust, Katharine Cashman
	11:00 - 11:15	Volcanic ash fall hazard and risk in Guatemala	Gustavo Chigna, javier Juarez, Carla Chun, Dulce Gonzalez
11:15 - 11:30	Ash production and dispersal from sustained low-intensity Mono-Inyo eruptions	B.A. Black and M. Manga	

COFFEE BREAK

12:30-13:00 S2.8 Küppers, Müller, Poret, "Volcanic ash lifecycle: Explosive generation, atmospheric transport and implications on aviation (co-sponsored by VERTIGO)"

LUNCH

FRIDAY 25 - BLOCK XI - SESSION 2.9

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CHAIRS		Sarah Brown - Kristi Wallace	
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
14:30 - 16:00	14:30 - 14:45	Extending the Volcanoes of the World database in new directions	Edward Venzke, Benjamin Andrews, Elizabeth Cottrell
	14:45 - 15:00	Ecuadorian volcanic events and geochronological database: insight into to the complex eruptive rate of a continental volcanic arc	Santiago Santamaria (1), Benjamin Bernard (1) y Silvana Hidalgo (1)
	15:00 - 15:15	The Eruption Forecasting Information System (EFIS) database project	Sarah Ogburn, Chris Harpel, Jeremy Pesicek, Jay Wellik, John Pallister, and Heather Wright
	15:15 - 15:30	Tephra glass geochemistry to synchronise sedimentary records and understand regional eruptive histories: A postglacial tephrochronological model for the Chilean Lake District	Karen Fontijn (1), Harriet Rawson (1), Maarten Van Daele (2), Jasper Moernaut (3), Ana M. Abarzúa (3), Katrien Heirman
	15:30 - 15:45	Volcano observation data sharing system of Japan	Hideki Ueda, Takanori Matsuzawa, Takahiro Miwa, Masashi Nagai, Yosuke Miyagi, Tomohiro Kubo, Toshikazu
	15:45 - 16:00	WOVOdat – A Worldwide Volcano Unrest Database – aimed at improving eruption forecasts	Christina Widiwijayanti ¹ , Fidel Costa ¹ , Nang Thin Zar Win ¹ , Erickson Fajiculay ¹ , Christopher G Newhall ² , Antonius

COFFEE BREAK

16:30 - 17:30

PLENARY TALK: CHRISTOPHER NEWHALL "Capturing, curating, and communicating lessons of eruptive crises."