

Physics of Volcanoes 2020

Tuesday, 11 February 2020

Monitoring and Risk Assessment: MRA one - H2 (11:10 - 12:40)

-Conveners: Karen Strehlow

time	[id] title	presenter
11:10	[26] Automatic Detection of Volcanic Eruptions at Turrialba Volcano, Costa Rica, using a Neural Network Approach	VENEGAS, Fabio
11:28	[2] The July/August 2019 eruption phase at Stromboli – analyzed by multi-sensor infrared satellite imagery	PLANK, Simon
11:46	[37] Processes culminating in the 2015 phreatic explosion at Lascar volcano, Chile, evidenced by multiparametric data	GAETE ROJAS, Ayleen
12:04	[7] A novel technique to investigate volcanic sulphur dioxide emissions – First measurement results with imaging Fabry-Perot interferometer correlation spectroscopy	Mr FUCHS, Christopher
12:22	[39] Reliable Measurement of Ozone in Volcanic Plumes by Gas-Phase Chemiluminescence	PLATT, Ulrich

Wednesday, 12 February 2020

Monitoring and Risk Assessment: MRA two - H2 (14:30 - 16:00)

-Conveners: **Lea Scharff; Ulrich Kueppers**

time	[id] title	presenter
14:30	[44] A new development of drop-sondes for the measurement of CO ₂ -concentrations at extended volcanic areas	Prof. WEBER, Konradin
14:48	[3] Characterization of a hot "fumarolic mofette" at Caldeiras da Ribeira Grande/S. Miguel, Acores	Prof. PFANZ, Hardy
15:06	[21] Analysis of volume changes at Santiaguito volcano, Guatemala, using TanDEM-X data	EDRICH, Ann-Kathrin
15:24	[5] UAS-based tracking of the Santiaguito Lava Dome, Guatemala	Mr ZORN, Edgar
15:42	[6] Precursors and processes culminating in the Anak Krakatau December 2018 sector collapse and tsunami	WALTER, Thomas R.