

Session Program

11-12 Feb 2020

Physics of Volcanoes 2020
Monitoring and Risk Assessment

Geomatikum, H2
Bundesstraße 55, 20146 Hamburg

Tuesday 11 February

16:00

Monitoring and Risk Assessment: Poster

Poster Session | **Location:** Geomatikum, Museum UG, Bundesstr. 55, 20146 Hamburg

Luminescence dating of young volcanic eruptions

Speaker

Christoph Schmidt

Morphological changes at Stromboli volcano, Italy, between September 2017 and September 2019 revealed by UAV

Speaker

Markus Schmid

Mind the gap: refined acoustic characterisation of explosions at Stromboli volcano using drone-deployed sensors and near-field arrays

Speaker

Ulrich Kueppers

The benefit of unmanned aerial vehicles for volcano monitoring and emergency management - a case study for the 2019 paroxysms at Stromboli volcano, Italy

Speaker

Karen Strehlow

A Monte Carlo Markov Chain Approach to Stress Inversion and Forecasting of Eruptive Vent Locations

Speaker

Mr Lorenzo Mantiloni

Employment of tiltmeter arrays to investigate deformations related to recent volcanic and magmatic activity in the Eifel Volcanic Region

Speaker

Dr Dorothee Rebscher

The DEEP-TEE Seismological Experiment: Monitoring the Ochtendung Fault Zone and the Laacher See Volcano Micro-Earthquakes in the East Eifel Volcanic Field, Germany

Speaker

Mr Bernd Schmidt

FMCW Radar for High Velocity Targets: Volcanic Eruptions

Speaker

Mr Titus Casademont

Preeruptive deformation at Anak Krakatoa

Speaker

Isabell Hochfeld

18:00