

Session Program

11-12 Feb 2020

Physics of Volcanoes 2020

Atmospheric Processes

Geomatikum, H2
Bundesstraße 55, 20146 Hamburg

Tuesday 11 February

14:00

Atmospheric Processes: AP one

Session | **Location:** Geomatikum, H2, Bundesstraße 55, 20146 Hamburg | **Conveners:**
Johann Jacobsohn, Prof. Ulrich Platt

14:00–14:18

Six years of BrO/SO₂ molar ratios in the volcanic gas plume of Masaya

Speaker

Dr Florian Dinger

14:18–14:36

Spatial distribution of bromine monoxide in the plume of Mount Etna during the Christmas 2018 eruption derived from S5-P/TROPOMI

Speaker

Mr Simon Warnach

14:36–14:54

Modelling the evolution of the bromine chemistry in the plume of Mount Etna during the Christmas 2018 eruption using WRF-Chem Volcano

Speaker

Dr Luke Surl

14:54–15:12

Extremely low frequency detection of electrical discharges at Minamidake crater (Sakurajima volcano, Japan)

Speaker

Ms Caron Vossen

15:12–15:30

Prebiotic synthesis in volcanic discharges: exposing porous ash to volcanic gas atmospheres

Speaker

Christina Springsklee

15:30