

Poster session II – Wednesday, September 22, 17 – 18

| Name | Title of Poster | Breakout Room |
|----------------------|---|---------------|
| Smita Panda | Constraining the cycle of sulphur in volcanic plumes from the joint analysis of hyperspectral and multi-angular polarimetric satellite observations | 1 |
| Vichawan Sakulsupich | Assessing the Potential Hazards of Volcanic Sulfur Species to Aviation | 2 |
| Ismail Makroum | Sulfurdioxide in the atmosphere | 3 |
| Kimberlee Dube | The effect of large volcanic eruptions on stratospheric NOx trends | 4 |
| Christine Pohl | Retrieval of stratospheric aerosol characteristics from SCIAMACHY limb observations | 5 |
| Felix Wrana | Satellite observations of volcanic eruptions leading to smaller average stratospheric aerosol sizes | 6 |
| Dominik Lietz | Investigation of aerosol size development based on occultation measurements | 7 |
| Daniel Letros | Remote Sensing of Atmospheric Aerosols with the Aerosol Limb Imager | 8 |
| Brennan Rodgers | Estimation of stratospheric aerosol optical depth from astronomical observatories | 9 |
| Dennis Piontek | The New Volcanic Ash Satellite Retrieval VACOS Using MSG/SEVIRI and Artificial Neural Networks | 10 |
| Julia Bruckert | Volcanic plume dispersion after the La Soufrière eruption in model and observations | 11 |
| Ruojie Xu | A quantitative method to classify volcanoes based on plume height data | 12 |
| Clarissa Kroll | The volcanic impact on stratospheric water vapour and ice | 13 |
| May Chim | Volcanic impacts on future climate | 14 |
| Sascha Bierbauer | Simulations of multiphase flows during volcanic eruptions in ICON-ART | 15 |