

## Session: T1.1

*Wednesday, 28 June 2017 18:00 (2h 30m)*

Topic 1.1 Infrasound and Atmospheric Dynamics

T1.1-P1 Advances on the Volcanic Parameter System with Infrasound Data

T1.1-P2 An Assessment of Infrasound Events in the REBs Produced in the Year 2016

T1.1-P3 (Y) Applications for Aircraft Infrasound Detections

T1.1-P4 Are Measurements of Infrasonic Signal Duration Useful in the Context of Nuclear Explosion Monitoring?

T1.1-P5 (Y) Automated Detection and Cataloging of Global Explosive Volcanism Using the IMS Infrasound Network

T1.1-P6 Comparative Near-Field and Far-Field Studies Using IMS Infrasound Data

T1.1-P7 Detection and Interpretation of Seismoacoustic Events at German Infrasound Stations

T1.1-P8 Detection Patterns for Two IMS Infrasound Stations in the Vicinity of the North Korean Test Site

T1.1-P9 Global Infrasound Association at the IDC: Advances and Performances

T1.1-P10 IMS Infrasound Records of Announced Rocket Launches

T1.1-P11 (Y) Incorporating Realistic Terrain Boundary Conditions into Numerical Infrasound Propagation Modelling

T1.1-P12 InfraGA/GeoAc: An Open Source Infrasonic Ray Tracing Tool

T1.1-P13 Infrasound Signals and Their Source Location Inferred from Array Deployment in the Lützow-Holm Bay, East Antarctica: 2015

T1.1-P14 Joint Processing of Pressure Pulsations and Wind Velocity Data at Infrasound Stations

T1.1-P15 Localization of Microbaroms Detected by I17CI and I11CV in IMS Data

T1.1-P16 Long-Range Infrasound Detections of Volcanic Activity by IS42 Station, Azores, Portugal

T1.1-P17 Optimization Methods of Network Parametric Selection of Infrasound Signal Sources

T1.1-P18 PTS Portable Infrasound Array in Romania

T1.1-P19 Some Results of Recording Infrasound and Internal Gravity Waves from Atmospheric Fronts

T1.1-P20 Temporal Variability of Infrasound Propagation and Detectability in the European Arctic

T1.1-P21 The Acoustic Signature of Underground Chemical Explosions During the Source Physics Experiment

T1.1-P22 The European Infrasound Bulletin

T1.1-P23 (Y) The First Infrasound Array in Hungary

T1.1-P24 (Y) Using IMS IS13 and IS14 Stations to Analyse Strong Seismic and Volcanic Activity in Chile