

## **Session Program**

**28 June 2021 to 2 July 2021**



## **CTBT Science and Technology Conference 2021 (SnT2021)**

### **T2.3 e-poster session**

## Wednesday 30 June

09:00

### T2.3 e-poster session: T2.3 - Seismoacoustic Sources in Theory and Practice

**Poster Session** | **Location:** Online | **Convener:** Ms Paulina Bittner

12:00

09:00

### T2.3 e-poster session: e-poster session - T2.3 - Seismoacoustic Sources in Theory and Practice

**Poster Session** | **Location:** Online | **Convener:** Ms Paulina Bittner

#### Seismo-acoustic analysis of Mw 4.2 mining induced earthquake nearby Kiruna, Sweden

**Speaker**

Mr Antoine L. Turquet

#### An Integrated Study of Seismic and Infrasound for Detecting Non-Tectonic Earthquakes in Indonesia

**Speaker**

Ms Aldilla Damayanti Purnama Ratri

#### Identifying and tracking regional storms with infrasound data

**Speaker**

Mr Marcell Pasztor

#### Infrasonic Signatures of 1001 Rocket Launches for Space Missions

**Speaker**

Mr Peter Gaebler

#### Infrasound Records And Data Analysis For The South Indian Ocean Fireball On March 4, 2020

**Speaker**

Mr Murad Alhomaimat

#### High frequency events detected by I33MG

**Speaker**

Mr Tahina Rakotoarisoa

#### Near ground explosion - monitoring with a mobile infrasound array and seismic sensors

**Speaker**

Ms Ulrike Mitterbauer

#### Seismoacoustic measurements of surface explosions in Sweden

**Speaker**

Mr Carl Fredrik Hellesen

#### Stromboli volcano eruption 2019-07-03 and atmospheric influence on the detection capability on the infrasound stations.

**Speaker**

Mr Abdelouaheb Agrebi

### **Negative isotropic seismic moment tensors, migrating and cyclic seismicity during the 2018 summit collapse at Kilauea caldera**

**Speaker**

Mr Celso Alvizuri

### **Seismoacoustic observations using a seismic array on an ice floe**

**Speaker**

Mr Dmitriy Presnov

### **Armenian Seismic Network and Earthquake Catalogue**

**Speaker**

Mr Sos Margaryan

### **Air and ground vibrations from explosions on the Earth's surface**

**Speaker**

Ms Michelle Grobbelaar

### **Discrimination of quarry blasts using a complex of seismic and infrasound data in Kazakhstan**

**Speaker**

Mr Alexandr Smirnov

### **Infrasound Bulletin from local and regional sources by the NDC of Costa Rica between 2018 and 2020 and integration of data from I20EC, I51GB, I08BR, I09BR (IMS) infrasound stations with local volcanic infrasound monitoring networks and portable array I69CR (CTBTO)**

**Speaker**

Mr Hairo Villalobos

### **Finding repeating mining events using waveform cross correlation at seismic and infrasound IMS stations**

**Speaker**

Mr Ivan Kitov

### **ThunderSeis: Seismic analysis of thunder signals recorded at the Gaisberg mountain, Austria**

**Speaker**

Mr Artemii Novoselov

### **Examples from data analysis integrating IMS/IDC data with local seismic data in SEISAN**

**Speaker**

Ms Tine Larsen

### **Events Location Using Spectrum From Seismoacoustic Data Of Telesiesmic Stations**

**Speaker**

Mr Uchenna Onwuhaka Madu

### **Use of small-aperture, near-source seismoacoustic arrays in characterizing low-yield chemical explosive sources**

**Speaker**

Ms Claire Perry

**Understanding mb Variations: The Implications of a Global IMS****Speaker**

Ms Jessica Keeble

**Infrasound at Costa Rica****Speaker**

Mr Ronnie Quintero

**The 7th July 2011 Abadan, Turkmenistan explosions: A seismoacoustic analysis****Speaker**

Mr Stuart Nippres

**Generation of S-waves by scattering and conversion revealed by large-N array data****Speaker**

Mr Arben Pitarka

**Microseismic Activity in Armenian Upland****Speaker**

Mr Sos Margaryan

**Bulletin of Iraqi NDC events analysis****Speaker**

Ms Yasameen Hameed Shamkhi

**QSDA (Quality Seismic Data Assessment): On line Web Base of Power Spectral Density for Seismic Noise Quantification****Speaker**

Mr Supriyanto Rohadi

**Characteristics Review for Underwater Explosions based on Depth and Source Types****Speaker**

Mr So Gu Kim

**Remote hydroacoustic and infrasonic detection and characterization of eruptive activity leading to, during, and following the December 2018 major flank collapse and tsunami at Anak Krakatau****Speaker**

Kaelynn Rose

**Source Detection and Risk Evaluation of Ru-106 Event of 2017 in Europe****Speaker**

Mr Efem Bilgic

12:00