

Session Program

Nov 4 - 8, 2024

Infrasound Technology Workshop 2024 (ITW2024)

Poster

VIC, M2
Wagramer Strasse 5, Vienna, Austria

Tue, November 5

3:00 PM

Poster

Session | **Location:** VIC, M2, Wagramer Strasse 5, Vienna, Austria

15:00 - 15:10

The Importance Placement of Infrasound Sensor In Indonesia (Monitoring of Potential Tsunami Non Tectonic)

15:10 - 15:20

Leveraging infrasound detected by stations of the IMS network for estimating the characteristics of shock waves generated by large bolides

15:20 - 15:30

Analysis and identification of meteor signals detected by the IMS infrasound stations in South America

15:30 - 15:40

Relationships Between Thunderstorms and Lightning Activity in Florida.

15:40 - 15:50

Infrasound Monitoring of volcanic activity Etna Volcano using IMS data in July 2024

15:50 - 16:00

Low Frequency Acoustic Signals Detection of a Mine Explosive Blast Occurrence in Bogoso, Ghana

16:00 - 16:10

Observed Infrasonic Signals of Auroral Electro Arcs Detections at I37NO Station in 2020

16:10 - 16:20

Use of IMS Infrasound Stations for Earthquake Detection: Case Study of the February 6, 2023, Türkiye Earthquake.

16:20 - 16:30

Infrasound monitoring in Kenya: Potential applications for Scientific and Civil application

16:30 - 16:40

Identifying infrasound sources using nearby and co-located infrasound and seismic sensors

16:40 - 16:50

Enhancing the detection capabilities of the Brasília Infrasound Station (IS09) for local and regional events

16:50 - 17:00

**Improvement project for the infrasound station I17CI (Cote d'Ivoire) detections:
increase from 4 to 8 sensors**

5:00 PM

Wed, November 6

3:00 PM

Poster

Session | **Location:** VIC, M2, Wagramer Strasse 5, Vienna, Austria

15:00 - 15:10

Micrometeorological and anthropogenic effects on acoustic background noise levels

15:10 - 15:20

Deployment of a portable low-cost infrasound array on Terceira Island, Azores, Portugal

15:20 - 15:30

Seismoacoustic Signals from Quarry Blasts at Eastern Helwan, 2022.

15:30 - 15:40

Design and assembly of a low-cost experimental infrasound array for seismo-volcanic monitoring

15:40 - 15:50

Designs and performances of Wind Noise Reduction Systems and Vault Solutions for infrasound stations

15:50 - 16:00

Developing a Reliable Infrasound Early Warning System for Indonesia: Integrating Scattering Methods and Seismic Data

16:00 - 16:10

Deploying a Portable Infrasound Station in Jordan: Enhancing SHI Monitoring and Preparedness

16:10 - 16:20

Infrasound sources in Jordan and Deploying Portable Infrasound Station

16:20 - 16:30

Enhanced NDC-NG Capability for Nuclear Explosion Monitoring

16:30 - 16:40

IMS INFRASOUND STATION 132KE, MONITORING, PERFORMANCE AND DETECTION IMPROVEMENT

16:40 - 16:50

Repeatedly detected ambient noise at I30JP

16:50 - 17:00

Python Processing of an Infrasound mSeed File

5:00 PM