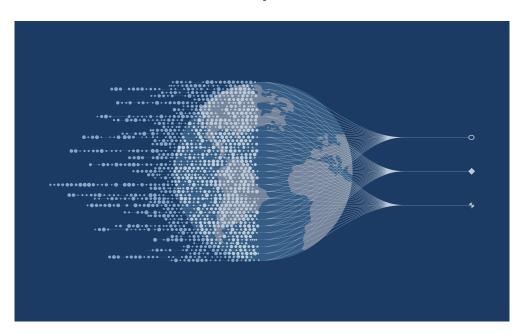**Session Program**

8–12 Sept 2025

CTBT: Science and Technology Conference 2025 - SnT2025

Online Poster Session 1

Hofburg Palace & Online
Hofburg Palace, Vienna, Austria

Monday 8 September

16:30

Online Poster Session 1
Poster Session | **Location:**

Advantages of determining an earthquake focal mechanism using Distributed Acoustic Sensing data

Speaker
Alena Filippova

Improved event location: Relocation of the 22nd June 2024 M 4.4 earthquake in Kenya using Local and Regional Networks

Speaker
Vincent Wainaina

Tectonic stress field in the Valley of Mexico from local seismicity

Speaker
Delia Bello

Seismoacoustic Monitoring of Pyroprocessing Equipment

Speaker
Kenton Hummel

In-situ Calibration of CTBTO Seismic Monitoring Stations in Indonesia

Speaker
Benyamin Heryanto Rusanto

Empirical Evaluation of the International Monitoring Systems Detection Capability

Speaker
Colin Pennington

Analysis of infrasound generated by the meteoroid explosion over Japan on 29 November 2020

Speaker
Mr Diogo Farrapo Albuquerque

Variability of ETAS Parameters and Their Relationship with Physical Processes for Earthquake Forecasting in Africa

Speaker
Dr Thystere Matondo Bantidi

Numerical simulation for 3-D infrasound propagation in shadow zone using a one-way approach

Speaker
Antoine Verdier

Establishing high/low noise models for geophone integration into OSI

Speaker
Ms Cherilyn Toro-Acosta

Is it possible to hide the DPRK explosions in the Tohoku earthquake signals as noise?

Speakers

Irina Sanina, Ivan Kitov

Distinguishing Earthquakes from Anthropogenic Events in Madagascar

Speaker

Hoby N.T. Razafindrakoto

Signals of Explosions in Earthquakes: Case Studies with Spotlight Detectors

Speaker

Mr Joshua Carmichael

Seismicity and Morphometric Studies In North Sudan

Speaker

Dr Khalda Ali

Development of Seismicity of the Central Asia

Speaker

Makhira Usmanova

Analysis of Data from Seismic Monitoring Network around Syowa Station, Antarctica

Speaker

Masaki Kanao

Real-time Earthquake Detection Using YOLOv8 and Spectrogram Analysis

Speaker

Dr Mahmoud Salam

Spatial-Temporal Distribution of b-Value in Albania and its Surroundings Over the Last Decade

Speaker

Klajdi Qoshi

Detection and time variations of infrasound sources using arrays deployed in Lützow-Holm Bay, Antarctica

Speaker

Masaki Kanao

Comprehensive Seismic Study of North Sulawesi Indonesia : b-Value, z-Value, and Earthquake Recurrence Time

Speaker

Mr Takhul Bakhtiar

Electromagnetic signatures of underground chemical explosions

Speaker

Mr William Junor

A New Dynamic Simulation of the Potential Main Marmara Fault Earthquake through Incorporation of Stress Perturbation due to 1912 Ganos and 1999 İzmit Earthquakes and Interseismic Stress Load

Speaker

Dr Yasemin Korkusuz Ozturk

Will Distributed Acoustic Sensing (DAS) be able to replace classical seismic instruments?

Speaker

Dr Valentin Gravirov

Precision Through Proximity: Enhancing Seismic Event Relocation with Local and Regional Networks

Speaker

Vincent Wainaina

Subsea Environmental Sensing with Operational Submarine Cables

Speaker

Dr Valey Kamalov

Infrasound Signal Classification Method Based on Time-Frequency Graphs and Convolutional Neural Network

Speaker

Hao Yin

Detect ground vibrations caused by earthquakes or explosions

Speaker

Mr Dos Soun

Ice Cover Monitoring with Distributed Acoustic Sensing (DAS)

Speaker

Mr Egor Spiridonov

18:00