Session Program

8–12 Sept 2025

CTBT: Science and Technology Conference 2025 - SnT2025

Online oral session

Hofburg Palace & Online
Hofburg Palace, Vienna, Austria

Monday 8 September

14:45

Online oral session
Session | **Location:** Online Room 1

14:45–15:00
Model of atmospheric gravity wave perturbations and their effect on localization of infrasound field and its sources

Speaker
Dr Igor Chunchuzov

15:00–15:15
Pisces updates for integrating CSS3.0-like database tables and files into ObsPy workflows

Speaker
Ms Christine Gammans

15:15–15:30
Observation of aftershocks of explosions in the DPRK at teleseismic distances

Speaker
Ivan Kitov

15:30–15:45
Tech for Tolerance: Using Gamification to Drive Youth Engagement in the Nuclear-Test-Ban Treaty

Speaker
Ms Hely Desai

15:45–16:00
Subsurface to atmospheric transport of radionuclides using physics-based and machine learning models

Speaker
Dr Akshay Gowardhan

16:00–16:15
Limits of explosion discrimination for monitoring efforts with machine learning

Speaker
Louisa Barama

16:15–16:30
Towards Predictive Maintenance Strategy Through Waveform Anomaly Detection using Unsupervised Learning

Speaker
Jiun-Ting Lin

16:30–16:45
Image Earth's Inner Core Fine-scale Heterogeneity and Temporal Changes using IMS arrays

Speaker
Guanning Pang

16:45