



# CTBT: Science and Technology Conference 2023 - SnT2023

## Tuesday, June 20, 2023

**Lightning talks: P1.2-1, P3.1, P3.4, P4.5 - Wintergarten (10:00 AM - 11:00 AM)**

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[172] High Frequency Ground Motion Calibrations of Seismometers used at IMS Stations	Mr BLOOMQUIST, Doug	2
[175] Distributed Acoustic Sensing: A Step Towards the Standardization	KISLOV, Konstantin	3
[182] Main VNIIA Focus Areas Related to the CTBT Technologies	Mr ZASIMOV, Gleb	4
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[203] Spectral Characteristics of Seismic and Infrasound Noise by Data of the Monitoring Network Stations of the National Nuclear Center of the Republic of Kazakhstan	SMIRNOV, Yuriy	6
[280] Extension of the In Situ Measurement Using the Modular Design Sea Floor Observatory System	Mr MATSUMOTO, Hiroyuki	7
[313] Integration of an Optical Based Sensor in a Mechanical Seismometer	ROUSSEAU, Olivier	8
[333] Design and Validation of a Wide Band Optical Seismometer	Mr LEPOINT, Fabrice	9
[557] Preliminary Design of Relative Humidity Virtual Sensor in Northern Middle Java Province of Indonesia	Mr WICAKSANA, Haryas	10
[558] On the Influence of Atmospheric Conditions on Ambient Seismic Noise	TOLEA, Andreea	11
[595] A Truly Very Broadband (VBB) Borehole Seismometer with flat Response over five Decades of Frequency	GURALP, Cansun	13
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[671] An External Calibrator for Hyperion Infrasound Sensors: Progress and Direction	Mr HARRIS, David	16
[724] Compact Dual Fabry-Perot Refractometer for Infrasound Dynamic Pressure Measurements	Dr VINCENT, Paul	17
[788] Observations of Natural and Induced Seismic Events and Monitoring of the Nuclear Underground Depository Using Slim Borehole Adapted SIA Sensors	Dr ZIMAKOV, Leonid	19
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