

CTBT: Science and Technology Conference 2023 - SnT2023

Tuesday, 20 June 2023

Lightning talks: P1.3, P1.4, P5.2 - Wintergarten (09:00 - 10:00)

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[267] Modeling Low Frequency Acoustical Propagation in a Shallow-Water Wedge	BOREJKO, Piotr	1
[299] Changes in the Noise Levels of the Indian Ocean and their Relationship to Shipping Patterns	CHANDRAYADULA, Tarun	2
[349] Historical Tsunami in Eastern Mediterranean	ELGABRY, Mohamed Nabil Mohamed	3
[435] Anthropogenic Noise in the sea: The Mediterranean Sea Versus Ocean Basins	Prof. GREVEMEYER, Ingo	4
[515] Hydroacoustic Modeling in a Rapidly Evolving Arctic Ocean	Ms NIKLASSON, Siobhan	6
[516] Comparison of Ambient Noise Between Ocean-Bottom Seismic Networks	Ms NIKLASSON, Siobhan	7
[534] Extending the Boundary Element Method to Three-Dimensional Acoustic Propagation Problems in the Ocean	Mr LAVIA, Edmundo	8
[552] Determining Crustal Attenuation With Seismic T Waves in Southern Africa	Dr ZHOU, Yong	9
[566] Continuous Analysis of International Monitoring System Hydrophone Array Signals for the Detection of Submarine Volcanic Activity	Mr TANAKA, Satoru	10
[738] Retrieval of Sea Surface Current using Himawari-8 SST Data and Particle Image Velocimetry Method in the Flores Sea	SETIYA WATI, Kadek	11
[802] A Recent Episode of Submarine Volcanic Activity in the South Sandwich Arc – Insights from International Monitoring System Hydrophone and T Phase Station Data	Mr METZ, Dirk	12
[858] Improvements to Hydroacoustic Processing Utilizing Three-Dimensional Ocean Acoustic Propagation	HEANEY, Kevin	13
[53] Detection of Infrasound Sources using Array Data from 2019 to 2021 Deployed at the Lützow-Holm Bay Region, Antarctica	KANAO, Masaki	14
[112] On the Infrasound Emission Generated by Large Wind Turbines	CERANNA, Lars	15
[272] End to end Numerical Simulation of a Comet's Reentry, Impact, Cratering, Fireball and Cloud Generation: Local and Global Consequences	Mr EZZEDINE, Souheil	17
[472] Timing Statistics of the Multiple Passages of the Pressure Wave Generated by the 2022 Hunga Tonga- Hunga -Ha'apai and Comparison with the 1883 Krakatoa Pressure Wave	Mr LE BRAS, Ronan	18
[482] Integrated Analysis Based on all-sky Cameras and Infrasonic Array for the Characterization of Small Fireball Events	Mr BELLI, Giacomo	19
[487] High Precision Characterization of Seismicity from the 2022 Hunga Tonga-Hunga Ha'apai Volcanic Eruption	Mr KINTNER, Jonas	20
[584] Hydroacoustic Signals Converted at Coastal International Monitoring System Stations	BITTNER, Paulina	21
[587] Seismoacoustic Monitoring of Wind Turbines Around a Proposed Einstein Telescope Site	SHANI-KADMIEL, Shahar	22

[733] The Volcanic Ash Dispersion Simulation of Huge Volcanic Eruption with the PUFF Lagrangian Method : A case Study of Tonga Eruption 15 January 2022	Mr KUSUMA, I Kadek Nova Arta	24
[792] Data Analysis of the Hunga-Tonga-Hunga-Ha'apai Eruption and Mauna Loa Eruption with Three International Monitoring System Technologies	Ms SHAMKHI, Yasameen Hameed	25
[795] Seismoacoustics Wavefield Generated by the Beirut Explosion: An Application of the Unfitted Hybridizable Discontinuous Galerkin Model	Mr GUILLOT, Laurent	26
[796] Acoustic Data Analysis of the Tonga Submarine Volcanic Eruptions in January 2022	Mr MADU, Uchenna Onwuhaka	27
[821] Stratospheric Balloon Observations of Infrasound Waves from the 15 January 2022 Hunga Eruption, Tonga	MILLET, Christophe	28
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[45] Analysis of Potential Impact of Tsunami in West Papua due to North West Papua Earthquake Using TOAST Modeling	Ms PANDIANGAN, Lestari Naomi Lydia	31
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