



# CTBT Science and Technology Conference 2021 (SnT2021)

## Wednesday, 30 June 2021

### T2.1 e-poster session: e-poster session - T2.1 - Characterization of Treaty-Relevant Events (09:00 - 12:00)

-Conveners: Boxue Liu; Mario Zampolli

[id] title	presenter	board
[241] Lessons from OSI field tests and exercises for the development of contextualized geophysical survey strategies and methods	Mr TOON, Sam	
[123] Discrimination of seismic events (2006 to 2020) in North Korea using P/Lg amplitude ratios from regional stations and a bivariate discriminant function	Mr TIBI, Rigobert	
[472] Event Analysis of CTBT Relevant Radionuclides Detected in the Nordic Region 2020	Mr HOFFMAN, Ian Mr MEKARSKI, Pawel	
[540] Forensic Event Analyses at the Turkish NDC	SEMIN, Korhan Umut	
[486] Data-based kernel density equations for probability distributions of CTBT-relevant radioxenon isotopes at IMS stations in normal background from nuclear facilities and as simulated from underground nuclear explosions	Mr KALINOWSKI, Martin B.	
[162] Improving the Resolution of the Isotropic Seismic Moment Tensor using Rotational Ground Motions	Ms DONNER, Stefanie	
[487] UK National Data Centre: Radionuclide Event Analysis	Mr GOODWIN, Matthew	
[643] Atmospheric Transport Modelling for potential releases and detections possibly connected with announced DPRK nuclear tests	ROSS, J. Ole	
[371] Rapid and automated full seismic source characterization: seismic monitoring application for the North Korean region	Ms GUILHEM TRILLA, Aurelie	
[474] Simulations of the long-term evolution of Ar-39 produced in an underground nuclear explosion	Mr LOWREY, Justin	
[195] Using publicly available non-seismic constraints to estimate the yield of a large explosion in Beirut, Lebanon	Dr TIBULEAC, Ileana	
[601] Connecting underground nuclear explosion gas-release ranges as aggregated from a set of scenarios with IMS radioxenon observations for evaluating isotopic activity ratios as indicators of a nuclear test	Mr KALINOWSKI, Martin B.	
[268] Three-dimensional space analysis of radioxenon isotopic activity ratios for characterizing a nuclear event in comparison to civilian releases from fission and activation	Mr YAMBA, Kassoum Mr KALINOWSKI, Martin B.	
[572] Nuclear Debris Characterization by Fission Isotope Assessment	Mr PUZAS, Andrius	
[683] An array of noble gas samplers suspended at various heights from light gas-filled balloons hard wired to the ground to bolster the efforts of an On-Site Inspection team	Mr MISHRA, Ankit	

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