



# CTBT: Science and Technology Conference 2023 - SnT2023

## Thursday, 22 June 2023

### 01.2 The Solid Earth and its Structure: part 1 - Prinz Eugen Saal (11:30 - 12:35)

-Conveners: Gerhard Graham; Sherif Ali

time	[id] title	presenter
11:30	Session introduction	
11:35	[102] Crustal Structure of Ethiopian Plateaus and the Main Ethiopian Rift from Receiver Function Analysis	Mr KIBRET, Birhanu
11:50	[15] Generation Mechanism of the 26s and 28s Tremors in the Gulf of Guinea from Statistical Analysis of Magnitudes and Event Intervals	Ms CHEN, Yongyan
12:05	[84] Performance of the RsttMndc model in the Hangay region, Mongolia	Ms LKHAGVASUREN, Sarantsetseg
12:20	[179] Machine Learning for Travel Time Emulation	Mr MYERS, Stephen

### 01.2 The Solid Earth and its Structure: part 2 - Prinz Eugen Saal (13:30 - 14:40)

-Conveners: Ehsan Qorbani Chegeni; Michelle Grobbelaar

time	[id] title	presenter
13:30	[187] Refined Location Parameters for the 20 December 2020 Earthquake in Gaborone	Mr SIMON, Rapelang Edward
13:45	[246] Deep Learning and Template Matching Detectors Methodology to Seek for Seismic Clusters in the Central Andes within the Bolivian Orocline	FERNANDEZ, Gonzalo Antonio
14:00	[828] Estimation of the Mantle Transition Zone Seismic Discontinuities Beneath Northwestern South America from P Wave Receiver Function Analysis	VARGAS, Carlos Alberto
14:15	[800] A Seismogeodetic Network in Southern Mexico to Monitor Crustal Deformation in Real Time	Mr SUAREZ, Gerardo
14:30	Session concluding remarks	