

International Workshop on Multi-messenger Tomography of the Earth

jeudi 6 juillet 2023

Open questions in the study of Earth's mantle and core - Amphitheater Pierre-Gilles de Gennes (13:30 - 17:55)

-Présidents de session: Joao Coelho

time	[id] title	presenter
13:30	[17] Geodynamics of core-mantle interactions	Prof. HERNLUND, John
13:55	[62] Seismology of core-mantle boundary	Dr KIM, Doyeon
14:20	[3] Probing the properties of Core-Mantle Boundary using Atmospheric Neutrino Oscillation	UPADHYAY, Anuj Kumar
14:40	[35] Probing interiors of Earth using magnetized neutrino detector	Dr KUMAR, Anil
15:05	Coffee break	
15:35	[60] Earth tomography with supernova neutrinos and the first neutrino tomography of Earth	Dr PALOMARES RUIZ, SERGIO
16:15	[53] Testing Neutrino Oscillation Tomography as a tool for sensing LLSVPs density	DENIZ HERNANDEZ, Yael Armando
16:35	[39] DUNE perspectives for atmospheric neutrino detection and studies	Dr THAKORE, Tarak
16:55	[59] Earth shaped by primordial H ₂ atmospheres	Prof. YOUNG, Edward
17:25	[42] Discussion time	