

The First Edition of the African Conference on High Energy Physics

Monday, 23 October 2023

Neutrino Physics and Dark Matter Searches: Neutrino Physics and Dark Matter Searches (17:05 - 18:30)

-Conveners: Abdelilah Moussa

time	[id] title	presenter
17:05	[45] Latest results of the DANSS experiment	SKROBOVA, Nataliya
17:20	[32] Dark Matter annihilation and the termination of the Martian geodynamo	MAKDA, Javeria
17:30	[63] DarkSide-20k Direct Dark Matter Search Experiment	WADA, Masayuki
17:45	[48] Highlights and prospects from the IceCube Neutrino Observatory	MECHBAL, Sarah
18:00	[51] The KM3NeT underwater neutrino telescope	REA, Immacolata Carmen
18:15	[158] Implicit representation modeling neutrino event topologies in water-Cherenkov detectors	Dr ZSOLDOS, stephane

Tuesday, 24 October 2023

Neutrino Physics and Dark Matter Searches (09:25 - 10:30)

-Conveners: Abdelilah Moussa

time	[id] title	presenter
09:25	[105] Beyond the Standard Model Searches with the Short Baseline Near Detector	ZAMORANO, Bruno
09:40	[100] Search for exotic particles with the ANTARES neutrino telescope	Prof. BOUMAAZA, Jihad
09:50	[149] An accurate evaluation of electron (anti-)neutrino scattering on nucleons	Prof. RICCIARDI, Giulia
10:05	[110] Latest Result of the STEREO Experiment at the ILL & Interpreting Reactor Antineutrino Anomalies	Ms EL ATMANI, Ilham
10:15	[165] Observation of Collider Muon Neutrinos with the SND@LHC Experiment	Prof. DE ROECK, Albert

Thursday, 26 October 2023

Neutrino Physics and Dark Matter Searches: Neutrino Physics and Dark Matter Searches (15:05 - 15:35)

-Conveners: Alexander Studenikin

time	[id] title	presenter
15:05	[52] Searching for Neutrinoless Double Beta Decay in ^{76}Ge with LEGEND	Dr MAZUMDAR, Aparajita
15:20	[90] The Sarov experiment for probing coherent elastic neutrino-atom scattering and neutrino electromagnetic interactions	KOUZAKOV, Konstantin

Neutrino Physics and Dark Matter Searches: Neutrino Physics and Dark Matter Searches (16:05 - 17:35)

-Conveners: Alexander Studenikin

time	[id] title	presenter
16:05	[50] Status and perspective of ICARUS at the Fermilab Short-Baseline Neutrino Program	PIA, Valerio
16:20	[62] Status of the Short-Baseline Near Detector at Fermilab	EZERIBE, Anthony
16:35	[77] T2K latest neutrino oscillation and cross-section results	DUMARCHEZ, Jacques
16:50	[148] An overview of the DUNE far detectors	HAEGEL, Leila
17:05	[154] Searches for New Physics with DUNE	Prof. DE ROECK, Albert
17:20	[178] Status of the JUNO experiment and its physics perspectives	ANDRONICO, Giuseppe