

17th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2021)

Monday 30 August 2021

Poster session 1 (18:00-19:30)

[id] title	presenter	board
[124] Analysis techniques for the search of ^{128}Te $0\nu\beta\beta$ decay with the CUORE TeO ₂ cryogenic crystals	DOMPÈ, Valentina	
[128] New results and perspectives on ^{130}Te double beta decay to the first 0^+ excited state from CUORE	FANTINI, Guido	
[222] Searching for New Physics in $2\nu\text{DBD}$ Decay with CUPID	CELI, Emanuela	
[255] Prospects of search for new physics in the Double Beta Decay with KamLAND-Zen 800	KAMEI, Yuto	
[353] Concept, status, and performance of the AMoRE-I detectors	KIM, Han Beom	
[10] Annual Modulations of the Angular Recoil-Flux/Energy Distributions of WIMP-Scattered Target Nuclei Observed at an Underground Laboratory	SHAN, Chung-Lin	
[277] New Constraints on Strongly Interacting Sub-GeV Dark Matter via Electron Scattering from a small Dual-Phase Xenon TPC	BUSE, Simon	
[225] Pulse-Shape Discrimination in the DEAP-3600 Single-Phase Liquid-Argon Detector	JILLINGS, Chris	
[215] Cherenkov Telescope Array sensitivity to branon dark matter models	AGUIRRE-SANTAELLA, Alejandra	
[168] Progress of upgrading alpha-ray imaging detector in low radioactivity background	ITO, Hiroshi	
[167] Measurement of the quenching factor in NaI(Tl) scintillator for dark matter search	URANO, Yusuke	
[163] The optical simulation model of the DarkSide-20k Veto detector	TURKOGLU, Cenk	
[162] Sensitivity of the Cherenkov Telescope Array to dark subhalos	CORONADO-BLÁZQUEZ, Javier	
[146] Development of low-background NaI(Tl) crystals for the COSINE-200 experiment	PARK, Byungju	
[76] The LZ Outer Detector	BIRCH, Harvey	
[45] A novel method to fabricate electronic substrates of CDEX-100 by applying surface modification of low-background polymers	ZHANG, Shaojun	
[386] Using isotopically enriched detectors to perform CEvNS measurements.	SANCHEZ GARCIA, Gonzalo	
[327] Building low background kton-scale liquid argon time projection chambers for physics discovery	JACKSON, Christopher	
[262] ENUBET: a monitored neutrino beam for the precision era of neutrino physics	IACOB, Fabio	

[247] Status of $0\nu\beta\beta$ decay search in KamLAND-Zen800	TAKEUCHI, Atsuto	
[176] Nuclear de-excitation associated with neutrino-carbon interactions	ABE, Seisho	
[125] The search for neutrinoless positron emitting electron capture of ^{120}Te with CUORE	CAMPANI, Alice	
[92] Detection prospects for the double-beta decays of ^{124}Xe	WITTEG, Christian	
[127] Neutrino masses and leptogenesis in a L_e - L_μ - L_τ based model	MARCIANO, Simone	
[348] Dark Matter Physics in Neutrino Telescopes and Neutrino Physics in Dark Matter Detectors.	CHEEK, Andrew	
[265] Quasi-Dirac neutrinos in the linear seesaw model	MONSALVEZ POZO, Kevin	
[303] BSM sources of CP violation at future long baseline experiments	GIARNETTI, Alessio	
[376] Testing non-standard neutrino interactions in (anti)-electron neutrino disappearance experiments	CHAVES, Mariano	
[155] The Singly-Charged Scalar Singlet as the Origin of Neutrino Masses	FELKL, Tobias	
[289] Electromagnetic effects in elastic neutrino scattering on nucleons and nuclei	LAZAREV, Fedor	
[268] Neutrino magnetic moments in low-energy neutrino scattering on condensed matter systems	DONCHENKO, Georgy	
[245] Dirac and Majorana neutrino oscillations in magnetized moving and polarized matter	SHAKHOV, Vadim	
[242] Neutrino quantum decoherence engendered by neutrino decay to photons, familons and gravitons	LICHKUNOV, Alexey	
[382] Setting limits on heavy neutral leptons using the neutrino CC events at the DUNE Near Detector.	CARBAJAL VIGO, Saneli Alcides	
[211] Primordial black holes and scotogenic dark matter	KITABAYASHI, Teruyuki	
[309] Icecube PeV events and NSI: Role of Charged Higgs	SADHUKHAN, Soumya	
[467] LAPPD deployment in the ANNIE experiment	VEERARAGHAVAN, Venkatesh	
[407] Transformer Networks for NOvA Event Classification	YANKELEVICH, Alejandro	
[254] Synthetic data for the study of the CUORE detector response function	GIANVECCHIO, Alberto	
[220] Directional measurement in Borexino: Calibration of Cherenkov photons in a liquid scintillator detector using gamma sources	KUMARAN, Sindhuja	
[187] Cosmogenic background suppression for the ICARUS detector using a concrete overburden	BEHERA, Biswaranjan	
[170] Optimization of a single module of CUPID	RESSA, Alberto	
[79] Low Threshold Germanium Detectors for Neutrino-Nucleus Elastic Scattering and the Studies of its Quantum-Mechanical Coherency Effects	SHARMA, Vivek	
[270] Understanding the systematic effects for the directional measurement of Be-7 solar neutrinos with Borexino	SINGHAL, Apeksha	
[263] Data analysis strategy used for the detection of CNO solar neutrinos with Borexino	PELICCI, Luca	
[142] The JUNO OSIRIS detector	STERR, Tobias	
[121] Purity monitoring for ProtoDUNE-SP	XIAO, Yiwen	
[80] New physics from oscillations: sensitivity for the DUNE near detector	URREA GONZÁLEZ, Salvador	

[48] Xenon doping of Liquid Argon in ProtoDUNE Single Phase	GALLICE, Niccolò	
[27] Time Projection Chambers instrumented with resistive Micromegas for the SAND near detector of DUNE	GRANGER, Pierre	
[22] Characterization of the DUNE photodetectors and study of the event burst phenomenon	MINOTTI, Alessandro	