

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

Wednesday 01 September 2021

Poster session 2 (18:00-19:30)

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[370] Germanium Detector Front-End Electronics for the LEGEND Experiment	WILLERS, Michael	
[418] Rejecting Spallation Backgrounds in KamLAND-Zen with KamNet	SONG, Hasung	
[422] New measurement of double beta decays to excited states in the CUPID-Mo experiment	DIXON, Toby	
[478] Optimizing the time resolution of cryogenic calorimeters with NTDs: the CALIPSO project	NUTINI, Irene	
[366] Event reconstruction performance with new retro-reflector based designs for water Cherenkov detectors	BERNS, Lukas	
[72] New BSM signatures in large scale detectors from terrestrial upscattering	PLESTID, Ryan GUSTAFSON, Andrew	
[315] Cosmic activation of CRESST's CaWO ₄ crystals	KLUCK, Holger	
[314] A Geant4-based model for the TRISTAN detector	NAVA, Andrea	
[406] Operation update and Calibration plan for the Scintillating Bubble Chamber (SBC) Collaboration's 10-kg LAr detector at Fermilab	PAL, Sumanta	
[318] At what local temperature does xenon bubble?	BREUR, P.A. (Sander)	
[375] First results from the HENSA/ANAIS collaboration at the Canfranc Underground Laboratory	MONT-GELI, Nil	
[457] Migdal event rates for D-D and D-T neutron generators	MCCABE, Christopher	
[466] Density functional theory calculates general crystal responses for electron-dark matter interactions in silicon and germanium	MATAS, Marek	
[448] Influence of NaI background and mass on testing the DAMA modulation	ZUROWSKI, Madeleine	
[431] Study of He-CF ₄ -isobutane mixtures for directional dark matter searches with the CYGNO Time Projection Chamber	AMARO, Fernando	
[363] Dark matter Axion search with riNg Cavity Experiment DANCE: Design and development of auxiliary cavity for simultaneous resonance of linear polarizations	FUJIMOTO, Hiroki	
[347] Simulation-based shielding design of the COSINUS experiment	FUSS, Alexander	
[308] Background model of the ANAIS-112 dark matter experiment	CEBRIAN, Susana	
[294] Likelihood Methods in the CRESST-Experiment	SCHMIEDMAYER, Daniel	
[368] Astroparticle physics obtaining more attention from a new type of audience	HOLMA, Marko	
[334] Core-collapse simulation of SN 1987A binary progenitor and its multimessenger signals	NAKAMURA, Ko	
[313] Implementation of IceTop data in the IceCube Realtime Alert System	AMIN, Najia Moureen Binte	

[173] Tunka-Grande scintillation array: resent results	IVANOVA, Anna	
[115] Probing the magnitude of asymmetries in the lateral density distribution of electrons in EAS	BASAK, Animesh	
[28] Behaviour of the lateral shower age of cosmic ray extensive air showers	DEY, Rajat K	
[442] Transition neutrino magnetic moments in CE ν NS	FRIDELL, Kåre	
[377] nEXO light detection system	CHANA, Bindiya	
[150] Recent advancements of the experiment to search for 2K capture in ^{124}Xe using a large proportional counter	KAZALOV, Vladimir	
[420] Diffusion of density inhomogeneities in the early universe	SAU, Sovan	
[393] Cosmological implications of EW vacuum instability: constraints on the Higgs-curvature coupling from inflation	MANTZIRIS, Andreas	
[372] Model independent approach to photodisintegration of ^7Li at the range of energies of interest to BBN	V, Aswathi	
[357] Metallic Magnetic Calorimeters for the BabyIAXO experiment	ABELN, Andreas	
[160] Inflationary Dynamics of Tsallis Holographic Scalar Field Models in Chern-Simons Modified Gravity	CHAKRABORTY, Gargee	
[70] Cosmology of modified Chaplygin gas under the purview of $f(T)$ gravity	CHATTOPADHYAY, Surajit	
[65] First search for new forces at the micron scale using optically levitated microspheres	FIEGUTH, Alexander	
[86] Probing Lorentz Invariance Violation with Atmospheric Neutrinos at INO-ICAL	SAHOO, Sadashiv	
[290] Detection of Core-Collapse Supernova Neutrino at JUNO	HUANG, Xin	
[266] A comparative study of Dirac and Majorana ultrahigh-energy neutrino oscillations in an interstellar magnetic field	KOUZAKOV, Konstantin	
[249] Collective neutrino oscillations in moving and polarized matter	LI, Yufeng	
[241] Spin and spin-flavor oscillations due to neutrino charge radii interaction with an external environment	STANKEVICH, Konstantin	
[231] Effects of nonzero Majorana CP phases on oscillations of supernova neutrinos	POPOV, Artem	
[185] Measurement of cosmogenic neutron production in SK-Gd	SHINOKI, Masataka	
[166] Supernova neutrino burst search at KamLAND	EIZUKA, Minori	
[477] Identification of the cosmogenic ^{11}C background in the solar neutrino experiment Borexino	PORCELLI, Alessio	
[341] Evaluation of neutron tagging performance in the Hyper-Kamiokande experiment	IZUMIYAMA, Shota	
[244] Characterization of the JUNO Large-PMT readout electronics	JELMINI, Beatrice	
[240] Performance evaluation of 3-inch PMT for Hyper-Kamiokande	KINOSHITA, Tatsushi	
[239] What is a breakdown of continuous component hidden under 4.4-MeV gamma-ray peak from the AmBe source?	WADA, Kohei	
[238] Evaluation of event reconstruction with small-scale water Cherenkov detectors	YAMAUCHI, Koki	
[201] Development of high-sensitivity radon detector in water for neutrino physics	TAKEDA, Atsushi	

[172] Energy Response Model for JUNO Experiment	YU, Miao	
[42] First results from the ARTIE experiment	PAGANI, Luca	
[52] Neutrino Mixing by modifying the Yukawa coupling structure of constrained sequential dominance	GANGULY, Joy	
[438] The cosmic muon-induced background for the LEGEND-1000 Alternative Site at LNGS	NEUBERGER, Moritz	