

Conference on Neutrino and Nuclear Physics (CNNP2020) Arabella Hotel and Spa, South Africa, 24-28 February 2020

Monday 24 February 2020

Contributed Talks (14:00-15:40)

-Conveners: Main Venue Chair: Clementina Agodi; Parallel Venue Chair: Javier Menendez

time	[id] title	presenter
14:00	[18] Dark Matter searches at Belle II	CAMPAJOLA, Marcello
14:00	[50] Searching for neutrinoless double beta of 100Mo: the CUPID-Mo experiment	NONES, Claudia
14:20	[49] EDELWEISS: searching for low-mass dark matter particles with germanium low-temperature detectors	GIULIANI, Andrea
14:20	[14] CUPID-0: a double-readout cryogenic detector for DBD	PAGNANINI, Lorenzo
14:40	[22] Theoretical description of half-lives and electron spectra for higher order forbidden non-unique β decays	KUMAR, Anil
14:40	[20] DELight – Searching for light dark matter using superfluid helium	ENSS, Christian
15:00	[86] -	
15:00	[79] Enlightening the dark with XENON1T and looking forward to XENONnT	WITTEWEG, Christian
15:20	[34] ReD: a SiPM based LAr TPC for directionality studies	PANDOLA, Luciano
15:20	[117] -	

Tuesday 25 February 2020

Contributed Talks (14:00-16:00)

-Conveners: Parallel Venue Chair: Giorgio Gratta; Main Venue Chair: Klaus Blaum

time	[id] title	presenter
14:00	[39] Sensitivity to the neutrinoless double beta decay of the DARWIN observatory	SANCHEZ-LUCAS, Patricia
14:00	[54] Borexino solar neutrino data as a probe of non-standard neutrino properties	VISHNEVA, Alina
14:20	[45] The CROSS experiment: rejecting surface events with PSD	KHALIFE, Hawraa
14:20	[42] BBN, Underground Nuclear Astrophysics and Neutrinos	GUSTAVINO, Carlo
14:40	[31] Prospects for pair-transfer reactions at iThemba LABS	ADSLEY, Philip
14:40	[113] $^{127}\text{I}(\nu, e)^{127}\text{Xe}$ reaction for solar neutrino spectrum clarification	FAZLIAKHMETOV, Almaz
15:00	[27] Q-value measurements of rare weak beta decays with JYFLTRAP	ERONEN, Tommi
15:00	[62] EARTH, a meeting of neutrino- and nuclear- physics.	SMIT, Frederick
15:20	[30] GERDA Highlights: Probing the Majorana Neutrino Mass at 100 meV	PANDOLA, Luciano
15:20	[64] NEON - Neutrino Elastic-scattering Observation with NaI(Tl)	LEE, Hyun Su
15:40	[48] COHERENT's Neutrino-Induced Neutron Detectors	HEDGES, Samuel
15:40	[38] Update on the HOLMES experiment to directly measure the neutrino mass	FAVERZANI, Marco

Thursday 27 February 2020

Contributed Talks (13:30-14:50)

-Conveners: Main Venue Chair: Yuichi Oyama; Parallel Venue Chair: Smarajit Triambak

time	[id] title	presenter
13:30	[52] Limits on the spectral parameters of core-collapse neutrinos extracted from the Diffuse Supernovae Neutrino Flux (DSNVF).	KEMP, Ernesto
13:30	[61] Tests of three-neutrino paradigm by MINOS and MINOS+ Experiments	LANG, Karol
13:50	[19] Sterile neutrino searches with the ICARUS detector	BELLINI, Vincenzo
13:50	[1] Deflection of cosmic neutrino by a stellar magnetic field	ISMAIEL, Mohamed
14:10	[24] Hints of non-unitarity in the present T2K and NO ν A data	RAHAMAN, Ushak
14:10	[55] Detection of supernova neutrino signal with NOvA detectors	SHESHUKOV, Andrey
14:30	[101] -	
14:30	[60] Status and prospects of the KM3NeT/ORCA	MIRANDA PALACIOS, Salvador

Friday 28 February 2020

Contributed Talks (09:00-10:20)

-Conveners: Main Venue Chair: Manuela Cavallaro; Parallel Venue Chair: Giovanni Benato

time	[id] title	presenter
09:00	[47] The search for eV sterile neutrinos with the STEREO experiment	ALMAZAN, Helena
09:00	[67] Decay Characteristics of the Scissors Mode of $0\nu\beta\beta$ -Decay Partner Isotopes*	KLEEMANN, Jörn
09:20	[112] GT Nuclear resonances for $71\text{Ga}(\nu, e)71\text{Ge}$ reaction investigation	KOROTEEV, Grigory
09:20	[11] Implications of new theoretical calculations on reactor antineutrino and gallium anomalies	KOSTENSALO, Joel
09:40	[116] Calculation of the neutrino-nuclear reaction cross-sections for $\square\square\square\square$ nuclei and estimation of the solar neutrino background in the GERDA/LEGEND experiments.	VYBOROV, Andrei
09:40	[3] Neutrino-induced reactions on ^{13}C and ^{16}O at supernova neutrino energies	SUZUKI, Toshio
10:00	[111] -	
10:00	[75] Axial Vector Form Factors of the Nucleon using lattice QCD	GUPTA, Rajan