NBIA Summer School on Neutrinos: Here, There & Everywhere

Monday, 11 July 2022

Student Talks - Auditorium A (14:00 - 15:00)

time	[id] title	presenter
14:00	[79] Deciphering Cosmic Neutrinos	GROTH, Kathrine Mørch
14:12	[72] Lepto-hadronic modelling of TXS0506+056 blazar	., Sunanda
14:24	[82] IceCube Search for High-Energy Neutrinos from Obscured Sources in the Great Observatories All-Sky LIRG Survey (GOALS)	MERCKX, Yarno
14:36	[84] Rapid Response to Extraordinary Events: the Gamma-Ray Follow Up (GFU) platform for IceCube	BOSCOLO MENEGUOLO, Caterina
14:48	[68] Constraining very high energy diffuse gamma (and neutrino) emission with Tibet ASγ data.	VECCHIOTTI, Vittoria

Tuesday, 12 July 2022

Student Talks - Auditorium A (14:00 - 15:00)

time	[id] title	presenter
14:00	[70] Prospects of neutrino oscillation physics with JUNO	JELMINI, Beatrice
14:12	[78] Impact of Wave Packet Separation in Low-Energy Sterile Neutrino Searches	BERTÓLEZ MARTÍNEZ, Toni
14:24	[76] HNL Searches in IceCube: Current Status and Future Opportunities	BOOK, Julia
14:36	[77] Dark Matter decay to neutrinos	DELGADO, Diyaselis
14:48	[71] Reparameterisations of the neutrino mixing matrix in long-baseline analysis	LOPEZ MORENO, Andres

Wednesday, 13 July 2022

Student Talks - Auditorium A (14:00 - 15:00)

time	[id] title	presenter
14:00	[67] Self-confinement of low-energy cosmic rays around supernova remnants	JACOBS, Hanno
14:12	[83] Collective Effect in Supernova Neutrinos	DEDIN NETO, Pedro
14:24	[49] Exploiting a future galactic supernova to probe neutrino magnetic moments	PORTO SILVA, Yago Philippe
14:36	[73] CORSIKA simulation for massive quarks in hadronic showers	PANT, Bhanu
14:48	[85] Machine-learning aided experimental design for P-ONE	PROTTUNG, Janik

Thursday, 14 July 2022

Student Talks - Auditorium A (14:00 - 15:00)

time	[id] title	presenter
14:00	[81] Can Neutrinos 'save' Early Dark Energy?	REEVES, Alexander
14:12	[69] Neutrino Masses, Leptogenesis and Dark Matter from a Scotogenic Model with two Higgs doublets	WANG, Edward
14:24	[80] Sensitivity of the T2K Near Detector Upgrade to constrain CCQE uncertainties in the Spectral Function model	CHAKRANI, Jaafar
14:36	[74] Characterisation of Germanium Detectors for LEGEND-200	ALEXANDER, Abigail
14:48	[75] Background modeling in GERDA	BIANCACCI, Valentina