

NBIA Summer School on Neutrinos: Here, There & Everywhere

Monday, 5 July 2021

Student Talks - <https://ucph-ku.zoom.us/j/65131069481?pwd=Sk1ZMUIlU3F0NmNIQlFVNkjiNmIUQT09> (13:30 - 14:15)

time	[id] title	presenter
13:30	[9] Chiral EFT Treatment of Neutrinoless Double Beta Decay with Majoron Emission	VOLMER, Nele
13:45	[7] Neutrino masses from simple scoto-seesaw model with spontaneous CP violation	BARREIROS, D.
14:00	[6] Flavoured leptogenesis and type-II seesaw mechanism with two Higgs triplet scalars	CHONGDAR, Sreerupa

Student Talks - <https://ucph-ku.zoom.us/j/65131069481?pwd=Sk1ZMUIlU3F0NmNIQlFVNkjiNmIUQT09> (16:00 - 16:30)

time	[id] title	presenter
16:00	[17] The effect of muons production and neutrino trapping on Binary Neutron Star merger remnants	LOFFREDO, Eleonora
16:15	[13] Exploring the extension of IceCube's supernova observational reach using HE neutrinos from CCSNe ejecta-CSM interaction	VALTONEN-MATTILA, Nora

Tuesday, 6 July 2021

Student Talks - <https://ucph-ku.zoom.us/j/65131069481?pwd=Sk1ZMUIlU3F0NmNIQlFVNkjiNmIUQT09> (13:45 - 14:00)

time	[id] title	presenter
13:45	[22] Decaying dark matter	NYGAARD, Andreas

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time	[id] title	presenter
16:00	[14] Heavy decaying dark matter at future neutrino radio telescopes	HAJJAR MUÑOZ, Rasmi Enrique
16:15	[26] Neutrino Mixing by modifying the Yukawa coupling structure of constrained sequential dominance	GANGULY, Joy

Wednesday, 7 July 2021

Student Talks - <https://ucph-ku.zoom.us/j/65131069481?pwd=Sk1ZMUIlU3F0NmNIQlFVNkJoNmIUQT09> (13:30 - 14:15)

time	[id] title	presenter
13:30	[11] Physics studies for ND280 upgrade at T2K experiment	NGUYEN, Quoc Viet
13:45	[24] Exploring neutrino-nucleon cross sections at the EeV level in upcoming neutrino telescopes	VALERA BACA, Victor
14:00	[10] Mass hierarchy and CP violation in neutrino oscillation experiments	NATH, Ankur

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time	[id] title	presenter
16:00	[18] Detection of Tau Neutrinos at the Super-Kamiokande Experiment	MANDAL, Maitrayee
16:15	[25] Two-Dimensional Air Shower Development with MCEq	KOZYNETS, Tetiana

Thursday, 8 July 2021

Student Talks - <https://ucph-ku.zoom.us/j/65131069481?pwd=Sk1ZMUIlU3F0NmNIQlFVNkRiNmIUQT09> (13:30 - 14:15)

time	[id] title	presenter
13:30	[23] Exploration of Directionality Capabilities with PROSPECT	VENEGAS VARGAS, Diego
13:45	[19] Development of a multi-ring ν_e sample at the T2K far detector	S. PRABHU, Yashwanth
14:00	[16] Neutrinoless double beta decay search with GERDA and LEGEND	RODRIGUES ARAUJO, Gabriela

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time	[id] title	presenter
16:00	[12] Multi-wavelength and multi-messenger studies of extragalactic high-energy particle sources	VIALE, Ilaria
16:15	[15] Coherent Elastic Neutrino-Nucleus Scattering and its implications in the search of new Physics	G. SANCHEZ GARCIA