

EPS-HEP2021 conference

Monday 26 July 2021

T04: Neutrino Physics: Neutrino mass & properties (10:00-12:00)

-Conveners: Bjoern Soenke Wonsak

time	[id] title	presenter
10:00	[309] The Singly-Charged Scalar Singlet as the Origin of Neutrino Masses	FELKL, Tobias
10:20	[482] Modular Invariance Approach to the Flavour Problem: Fermion Mass Hierarchies and Residual Modular Symmetries	PETCOV, Serguey
10:40	[956] A systematic approach to neutrino masses and their phenomenology	SCHMIDT, Michael
11:00	[406] First Sub-eV Neutrino Mass Limit from the KATRIN Experiment	KARL, Christian
11:20	[579] Electromagnetic neutrino: The theory, laboratory experiments and astrophysical probes	STUDENIKIN, Alexander
11:40	[1113] Distinguishing Dirac vs Majorana Neutrinos at CE ν NS experiments	HATI, Chandan

T04: Neutrino Physics: Low energy neutrinos (14:15-16:15)

-Conveners: Justyna Lagoda

time	[id] title	presenter
14:15	[739] Joint measurement of the pure-U235 reactor antineutrino spectrum by STEREO and PROSPECT experiments	LICCIARDI, Matthieu
14:35	[806] Latest Neutrino Oscillation Results from the Daya Bay Experiment	MANDUJANO, Roberto
14:55	[636] Neutrino oscillation physics in JUNO	GONCHAR, Maxim
15:15	[704] JUNO potential in non-oscillation physics	GÖTTEL, Alexandre
15:35	[599] Improved geoneutrinos observation with Borexino detector	BASILICO, Davide
15:55	[1139] Experimental Evidence of neutrinos produced in the CNO fusion cycle in the Sun with Borexino	DING, Xuefeng

T04: Neutrino Physics: CP-violation and neutrinos (16:30-18:30)

-Conveners: Stefania Bordoni

time	[id] title	presenter
16:30	[137] T2K status and plans	DOLAN, Stephen
16:50	[519] Latest 3-flavor neutrino oscillations results from the NOvA experiment	CALVEZ, Steven
17:10	[695] Hyper-Kamiokande experiment	TASHIRO, Takuya
17:30	[203] DUNE The Deep Underground Neutrino Experiment	ZELIMIR, Djurcic
17:50	[77] The ESSnuSB/HIFI Design Study	D'ALESSI, Loris
18:10	[33] On the sources of CP violation in the Lepton sector	MELONI, Davide

Tuesday 27 July 2021

T04: Neutrino Physics: Sterile neutrinos (09:30-11:30)

-Conveners: Justyna Lagoda; Stefania Bordoni

time	[id] title	presenter
09:30	[206] Search for light sterile neutrinos with the KATRIN experiment	LASSERRE, Thierry
09:50	[67] Status of the Short-Baseline Near Detector at Fermilab	MENDEZ, Diana Patricia
10:10	[543] Short-Baseline neutrino oscillation searches with the ICARUS detector	VARANINI, Filippo
10:30	[910] New results from the DANSS experiment	DANILOV, Mikhail
10:50	[1020] Recent results of the SoLid experiment	HAYASHIDA, Shingo
11:10	[416] New physics from oscillations: sensitivity for the DUNE near detector	URREA, Salvador

T04: Neutrino Physics: New interactions and neutrinos (16:00-17:00)

-Conveners: Bjoern Soenke Wonsak

time	[id] title	presenter
16:00	[391] CP-Violating Neutrino Non-Standard Interactions in Long-Baseline-Accelerator Data	GEHRLEIN, Julia
16:20	[943] Non-standard neutrino interactions in IceCube	LOHFINK, Elisa
16:40	[856] Exploring Long-Range Force of $L_{\mu-L}_{\tau}$ Symmetry using Atmospheric Neutrino Experiment	Dr KHATUN, Amina

Wednesday 28 July 2021

T04: Neutrino Physics: HNL/LNV (09:30-11:30)

-Conveners: Pilar Coloma

time	[id] title	presenter
09:30	[1023] Recent astroparticle and exotic physics results from MicroBooNE	GUZOWSKI, Pawel
09:50	[32] Measuring TeV neutrinos with FASERnu in the LHC Run-3	ARIGA, Tomoko
10:10	[55] Testing the neutrino mass generation mechanism at the future colliders	DAS, Arindam
10:30	[1131] Constraining lepton number violating interactions with rare meson decay	HARZ, Julia
10:50	[1108] Z-Boson Decays into (Heavy) Neutrinos: Dirac or Majorana?	Prof. DE GOUVEA, Andre
11:10	[247] The DUNE Near Detector Complex as a Beam Dump Facility	KELLY, Kevin

T04: Neutrino Physics: Neutrinoless double beta decay (16:45-17:45)

-Conveners: Bjoern Soenke Wonsak

time	[id] title	presenter
16:45	[254] Final results of GERDA on the search for neutrinoless double beta decay	MÜLLER, Yannick
17:00	[1073] The Large Enriched Germanium Experiment for Neutrinoless Double-Beta Decay	WILLERS, Michael
17:15	[1142] NEXT: Measurement of the ^{136}Xe two-neutrino double beta decay half-life with NEXT-White	NOVELLA, Pau
17:30	[207] Latest results from the CUORE experiment	COPELLO, Simone

Thursday 29 July 2021

T04: Neutrino Physics: Atmospheric and astrophysical neutrinos (09:30-11:30)

-Conveners: Pilar Coloma

time	[id] title	presenter
09:30	[796] Probing the Earth's Core using Atmospheric Neutrinos at INO	Prof. AGARWALLA, Sanjib Kumar
09:50	[831] KM3NeT/ORCA overview	SHANIDZE, Revaz
10:10	[988] The future of high-energy astrophysical neutrino flavor measurements	BUSTAMANTE, Mauricio
10:30	[1001] Probing Dark Matter Models with Upcoming Neutrino Telescopes	BASEGMEZ DU PREE, Suzan
10:50	[1056] On the Tau flavor of the cosmic neutrino flux	FARZAN, Yasaman
11:10	[59] Visible Decay of Astrophysical Neutrinos at IceCube	DENTON, Peter

T04: Neutrino Physics: Astrophysical neutrinos and cosmology (16:30-17:30)

-Conveners: Stefania Bordoni; Bjoern Soenke Wonsak

time	[id] title	presenter
16:30	[134] RES-NOVA: archaeological Pb-based observatory for Supernova neutrino detection	FERREIRO LACHELLINI, Nahuel
16:50	[462] Long Range Interactions in Cosmology: Implications for Neutrinos	ESTEBAN, Ivan
17:10	[1076] Meeting the challenges of relic neutrinos	SONI, Amarjit

Friday 30 July 2021

T04: Neutrino Physics: R&D projects and neutrino cross sections (09:30-11:30)

-Conveners: Justyna Lagoda

time	[id] title	presenter
09:30	[1083] Theia: an advanced optical neutrino detector	ZSOLDOS, Stephane
09:50	[204] ProtoDUNE Physics and Results	WHITEHEAD, Leigh
10:10	[1147] The SuperChooz Pathfinder Exploration	CABRERA, Anatael
10:30	[138] T2K latest results on neutrino-nucleus cross sections	KOWALIK, Katarzyna
10:50	[661] An Intermediate Water Cherenkov Detector for Hyper-Kamiokande Using the NuPRISM Concept	HARTZ, Mark
11:10	[210] QED corrections to neutrino nucleus scattering	PLESTID, Ryan