

ICHEP 2022

Thursday, July 7, 2022

Neutrino Physics - Room 2 (Italia) (9:00 AM - 10:45 AM)

-Conveners: Alessandra Tonazzo

time	[id] title	presenter
9:00 AM	[M117] Neutrino Oscillation Measurements at T2K	SKWARCZYNSKI, Kamil
9:15 AM	[M171] The T2K Near Detector Upgrade	YEVAROUSKAYA, Uladzislava
9:30 AM	[M03] Measurement of Standard and Non-standard Oscillations at NOvA	DAVIES, Gavin
9:45 AM	[M163] Deep Learning Event Reconstruction at NOvA	BIAN, Jianming
10:00 AM	[M19] Measurements of Neutrino Interaction Cross Sections at T2K	ZARNECKI, Grzegorz
10:15 AM	[M05] Neutrino Scattering Measurements at NOvA	CREMONESI, Linda
10:30 AM	[M08] MINERvA medium-energy physics results	PLOWS, Komninos-John

Neutrino Physics - Room 2 (Italia) (11:15 AM - 1:00 PM)

-Conveners: Alessandra Tonazzo

time	[id] title	presenter
11:15 AM	[M32] Heavy neutrino production at the FCC-ee: Dirac or Majorana?	DREWES, Marco
11:30 AM	[M46] Measuring neutrino beam flux with NA61/SHINE	ZIMMERMAN, Eric D
11:45 AM	[M01] Status of the ANNIE experiment	NIESLONY, Michael
12:00 PM	[M74] ENUBET: the first monitored neutrino beam	BRANCA, Antonio
12:15 PM	[M34] Status of NA65(DsTau) data taking and analysis	GULER, Ali Murat
12:30 PM	[M49] DUNE The Deep Underground Neutrino Experiment	BOOTH, Alexander BOOTH, Alexander
12:45 PM	[M47] The DUNE Near Detector	BATTISTI, Federico

Neutrino Physics - Room 2 (Italia) (2:30 PM - 4:30 PM)

-Conveners: Matteo Tenti

time	[id] title	presenter
2:30 PM	[M192] Sensitivity of DUNE to low energy physics searches	CUESTA, Clara
2:45 PM	[M10] An absolute ν mass measurement with the DUNE experiment	POMPA, Federica
3:00 PM	[M93] ProtoDUNE Physics and Results	CALCUTT, Jacob
3:15 PM	[M70] Status and Recent Progress towards the second DUNE Far Detector Module	NAYAK, Nitish
3:30 PM	[M231] Exploring NSI sensitivities for T2HK and DUNE	GIRI, Anjan
3:45 PM	[M68] Probing scalar Non Standard Interactions at DUNE, T2HK and T2HKK	MEDHI, Abinash
4:00 PM	[M8] The ESSnuSB High Intensity Neutrino Super Beam	BAUSSAN, Eric

4:15 P	[M08] nuSTORM; Neutrinos from Stored Muons	LONG, Kenneth
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Neutrino Physics - Room 2 (Italia) (5:00 PM - 7:00 PM)

-Conveners: Laura Patrizii

time	[id] title	presenter
5:00 P	[M5] High-energy neutrino measurements with FASERnu	TAKUBO, Yosuke
5:15 P	[M5] SND@LHC - A new Scattering and Neutrino Detector at the LHC	ZAFFARONI, Ettore
5:30 P	[M00] Spontaneous origin of CP phase in the neutrino sector	PRAMANICK, Rohan
5:45 P	[M04] Analytical treatment of neutrino oscillation and decay in matter	Mr CHATTOPADHYAY, Dibya S.
6:00 P	[M99] A New Results of AMoRE-I Experiment	Mr KIM, HAN BEOM
6:15 P	[M250] The status of the HOLMES experiment	ORIGO, Luca
6:30 P	[M145] Recent results from the ECHo experiment	GASTALDO, Loredana
6:45 P	[M079] Neutrino, DM, and Axion Physics with IsoDAR @ Yemilab	THOMPSON, Adrian

Friday, July 8, 2022

Neutrino Physics - Room 2 (Italia) (9:00 AM - 10:45 AM)

-Conveners: Roberto Petti

time	[id] title	presenter
9:00 AM	M436] Recent MicroBooNE cross-section results: inclusive channels and pion production	HEN, Or
9:15 AM	M493] Measurement of the Λ Baryon Production Cross Section in Neutrino Interactions with MicroBooNE	THORPE, Christopher
9:30 AM	M449] First Results from MicroBooNE's Low Energy Excess Search and Constraints on eV-Scale Sterile Neutrino Oscillations	JO, Jay Hyun
9:45 AM	M113] Neutrino upscattering to heavy neutral leptons (HNLs) as an explanation of the MiniBooNE low-energy excess (LEE)	HOEFKEN ZINK, Jaime
10:00 AM	M414] Status of the Short-Baseline Near Detector at Fermilab	JONES, Rhiannon
10:15 AM	M415] SBND-PRISM: Sampling Multiple Off-Axis Neutrino Fluxes with the Same Detector	Dr DEL TUTTO, Marco
10:30 AM	M161] New results from the DANSS experiment	DANILOV, Mikhail

Neutrino Physics - Room 2 (Italia) (11:15 AM - 1:00 PM)

-Conveners: Roberto Petti

time	[id] title	presenter
11:15 AM	M313] Short-Baseline neutrino oscillation searches with the ICARUS detector	PASQUALINI, Laura
11:30 AM	M411] The Cosmic Ray Tagger system of the ICARUS detector at Fermilab	POPPI, Francesco
11:45 AM	M137] Latest results of the STEREO experiment	DEL AMO SÁNCHEZ, Pablo
12:00 PM	M161] The SoLid experiment at BR2	YERESKO, Mike
12:15 PM	M314] Combining Conventional and Machine Learning Algorithms for LArTPC Reconstruction	YU, Haiwang
12:30 PM	M117] Towards identifying the minimal flavor symmetry behind neutrino oscillations	XING, Zhi-zhong

Neutrino Physics - Room 2 (Italia) (2:30 PM - 4:30 PM)

-Conveners: Laura Patrizii

time	[id] title	presenter
2:30 PM	M115] Daya Bay oscillation results with full dataset	VOROBEL, Vit
2:45 PM	M175] Reactor antineutrino measurement at Daya Bay	HU, Jianrun
3:00 PM	M139] Reactor antineutrino anomaly in light of recent flux model refinements	XIN, Zhao
3:15 PM	M178] JUNO's physics prospects	CHENG, Jie
3:30 PM	M115] The JUNO detector: design concept and status	RE, Alessandra Carlotta
3:45 PM	M1238] Research and Development Studies for Reactor Neutrino Experiments in Turkey (RNET)	BAT, Ayşe

4:00 PM	[M257] QED nuclear medium effects in neutrino-nucleus and electron-nucleus scattering	TOMALAK, Oleksandr
4:15 PM	[M13] Absolute neutrino mass as the missing link to the dark sector	DE BOER, Thede

Neutrino Physics - Room 2 (Italia) (5:00 PM - 7:00 PM)

-Conveners: Matteo Tenti

time	[id] title	presenter
5:00 PM	[M1178] Studies of Coherency Effects in Neutrino-Nucleus Elastic Scattering at Reactors	Dr SHARMA, Vivek SHARMA, Vivek
5:15 PM	[M22] CEνNS and BSM physics within the reactor neutrino experiment CONUS	SÁNCHEZ GARCÍA, Edgar
5:30 PM	[M64] NUCLEUS: cryogenic calorimeters to detect coherent nuclear scattering of reactor antineutrinos	CERULLI, Riccardo
5:45 PM	[M1187] Coherent elastic neutrino-nucleus scattering in argon with a scintillating bubble chamber	VAZQUEZ-JAUREGUI, Eric
6:00 PM	[M42] EFT analysis of CEνNS data	BRESÓ, Víctor
6:15 PM	[M360] CEνNS with Photon Emission as Smoking Gun Signal of New Physics	HARZ, Julia
6:30 PM	[M75] The search for coherent elastic neutrino-atom scattering and neutrino magnetic moment	STUDENIKIN, Alexander STUDENIKIN, Alexander STUDENIKIN, Alexander
6:45 PM	[M5] Suppression of quasielastic electron scattering cross sections at small momentum transfers	BODEK, Arie

Saturday, July 9, 2022

Neutrino Physics - Room 2 (Italia) (9:00 AM - 10:45 AM)

-Conveners: Annarita Margiotta

time	[id] title	presenter
9:00 AM	[M80] First significant measurement of the Earth's orbital parameters with solar neutrinos in Borexino	BIONDI, Riccardo
9:15 AM	[M08] Study of antineutrino fluxes and other non-solar physics results with Borexino	ZAVATARELLI, Sandra
9:30 AM	[M67] Dark rate reduction with machine learning techniques for the Hyper-Kamiokande experiment	LANGELLA, Aurora
9:45 AM	[M33] Measuring neutrino oscillations precisely: Reducing Systematics in Water Cherenkov Detectors With the Water Cherenkov Test Experiment	ANTHONY, Lauren
10:00 AM	[M06] Atmospheric Neutrino Oscillations with the Super-Kamiokande detector	Dr POSIADALA-ZEZULA, Magdalena
10:15 AM	[M40] Atmospheric neutrino oscillation studies with KM3NeT/ORCA	Mr PESTEL, Valentin
10:30 AM	[M08] Searches for neutrino physics beyond the standard model with KM3NeT/ORCA6	CARRETERO, Victor

Neutrino Physics - Room 2 (Italia) (11:15 AM - 1:00 PM)

-Conveners: Annarita Margiotta

time	[id] title	presenter
11:15 AM	[M62] Prospects and recent results from KM3NeT/ARCA	Mr KALACZYNSKI, Piotr
11:30 AM	[M09] Hierarchy and NSI study of P2O in its Optimal Configuration	SINGHA, Dinesh Kumar
11:45 AM	[M06] Searching for Astrophysical Tau Neutrinos in the Andes	ZHELNIN, Pavel
12:00 PM	[M77] The NEXT-100 time projection chamber and electroluminescent region	ALMAZAN, Helena
12:15 PM	[M01] Measurement of the ^{136}Xe $\beta\beta$ half-life with NEXT-White	REDWINE, Adam
12:30 PM	[M06] R&D toward future barium tagging phases of the NEXT program	HERRERO GOMEZ, Pablo
12:45 PM	[M43] Neutrino physics with the PandaX-4T detector	HAN, Ke

Neutrino Physics - Room 2 (Italia) (2:30 PM - 4:30 PM)

-Conveners: Laura Patrizii

time	[id] title	presenter
2:30 PM	[M0] Latest results from the CUORE experiment	DELL'ORO, Stefano
2:45 PM	[M57] Latest results from CUPID-0	FANTINI, Guido
3:00 PM	[M110] Final results from GERDA: a neutrinoless double beta decay search	SHTEMBARI, Lolian
3:15 PM	[M96] KamLAND-Zen 800	GANDO, Azusa
3:30 PM	[M92] Searching for neutrinoless double beta decay with LEGEND experiment	BURLAC, Nina
3:45 PM	[M75] Search for Neutrinoless Double-Beta Decay with LEGEND-1000	WILLERS, Michael
4:00 PM	[M099] The R2D2 neutrinoless double-beta decay experiment	WARD, Robert

Neutrino Physics - Room 2 (Italia) (5:00 PM - 7:00 PM)**-Conveners: Matteo Tenti**

time	[id] title	presenter
5:00 PM	[1352] The SuperChooz Pathfinder Exploration	CABRERA, Anatael
5:15 PM	[1359] Reduction of TI-208 backgrounds for Zr-96 neutrinoless double beta decay experiment using topological information of Cherenkov light	FUKUDA, Yoshiyuki
5:30 PM	[1335] Exploiting a future galactic supernova to probe neutrino magnetic moments	PORTO SILVA, Yago Philippe