

NuFact 2022: The 23rd International Workshop on Neutrinos from Accelerators

Tuesday, August 2, 2022

WG5: Beyond PMNS: Hybrid Parallel 1 - Magpie B (3:00 PM - 4:30 PM)

-Conveners: Doojin Kim; Joshua Berger

time	[id] title	presenter
3:00 P	[04] Heavy neutrino production at the FCC-ee: Dirac or Majorana?	BLONDEL, Alain
3:30 P	[08] PMNS and the number of additional neutrino flavors	GLUZA, Janusz
4:00 P	[20] Search for an Anomalous Excess of Electron Neutrino Interactions in MicroBooNE and New Constraints on eV-Scale Sterile Neutrinos	JI, Xiangpan

Thursday, August 4, 2022

WG5: Beyond PMNS: Hybrid Parallel 2 - Magpie B (11:20 AM - 12:50 PM)

-Conveners: Zahra Tabrizi

time	[id] title	presenter
11:20 AM	[M13] Charged-meson-induced new physics in beam-focused neutrino experiments	KIM, Doojin
11:50 AM	[M12] Modular symmetries and the flavor problem	MELONI, Davide
12:20 PM	[M1] Probing Light Mediators in the Radiative Emission of Neutrino Pair	PASQUINI, Pedro Simoni

WG5: Beyond PMNS: Hybrid Parallel 3 - Magpie B (2:20 PM - 3:50 PM)

-Conveners: Yue Zhao

time	[id] title	presenter
2:20 PM	[M11] Phenomenology of Dark Sectors at the Short Baseline Neutrino Experiments	BERGER, Joshua
2:50 PM	[M20] Core-passing atmospheric neutrinos: a unique probe to discriminate between Lorentz violation and non-standard interactions	Prof. AGARWALLA, Sanjib Kumar
3:20 PM	[M16] Improved constraints on Heavy Neutral Leptons and Heavy QCD Axions from the ArgoNeuT Experiment	GREEN, Patrick

WG5: Beyond PMNS: Virtual Parallel 1 - Magpie B (4:10 PM - 6:35 PM)

-Conveners: Koun Choi

time	[id] title	presenter
4:10 PM	[M18] Coherent neutrino scattering and the quenching factor measurement	LIAO, Jiajun
4:35 PM	[M22] Neutrino oscillations in Earth: a unique tool to probe dark matter inside the Core	Mr UPADHYAY, ANUJ KUMAR UPADHYAY, ANUJ KUMAR
5:00 PM	[M16] Favourable Conditions for Majorana Phase Appearance in Neutrino Oscillation Probabilities	Dr DIXIT, Khushboo
5:25 PM	[M21] A New Approach to Probe Non-Standard Interactions in Atmospheric Neutrino Experiments	Mr KUMAR, Anil
5:50 PM	[M45] Clockwork Fermions contribution to neutrino mass generation and Charged Lepton Flavor Violation $I_i > I_j + \gamma$	GHOSH, Gayatri

Friday, August 5, 2022

WG5: Beyond PMNS: Virtual Parallel 2 - Wasatch A (11:15 AM - 12:45 PM)

-Conveners: Richard Ruiz

time	[id] title	presenter
11:15 AM	[M1] Snowmass 2022: Connection between neutrino mass models and muon experiments	HEECK, Julian
11:55 AM	[M3] Probing BSM models at future high-precision long baseline experiments	GIARNETTI, Alessio
12:20 PM	[M4] Evolution of Lepton Number for Neutrinos	BENOIT, Nicholas

WG5: Beyond PMNS: Hybrid Parallel 4 - Magpie B (2:20 PM - 3:50 PM)

-Conveners: Karol Adamczyk

time	[id] title	presenter
2:20 PM	[M3] Towards neutrinoless double beta decay in NEXT	DÍAZ, Gonzalo
2:50 PM	[M85] Tests of neutrino mass models at ATLAS	WYNNE, Ben
3:20 PM	[M4] Tests of neutrino mass models at CMS	CMS, Collaboration QIAN, Sitian QIAN, Sitian

WG5: Beyond PMNS: Hybrid Parallel 5 - Magpie B (4:10 PM - 6:00 PM)

-Conveners: Doojin Kim

time	[id] title	presenter
4:10 PM	[M1] MicroBooNE's Search for Anomalous Single-Photon Production in Neutrino Scattering	SUTTON, Kathryn
4:39 PM	[M98] Cosmogenic Background Suppression at the ICARUS	BEHERA, Biswaranjan
5:08 PM	[M5] Searches for dark matter in the Galactic Halo and extragalactic sources with IceCube	JEONG, Minjin
5:35 PM	[M81] Search for secluded dark matter with 6 years of IceCube data	TOENNIS, Christoph