

DPF - PHENO 2024**Monday 13 May 2024****Minisymposium: Charged lepton violation - David Lawrence Hall 121 (14:00 - 15:30)****-Conveners: Robert Bernstein**

time	[id] title	presenter
14:00	[691] Exploring the Frontiers: Experimental Endeavors in Charged Lepton Flavor Violation	PEZZULLO, Gianantonio
14:30	[692] The search for muon to positron conversion at Mu2e	MACKENZIE, Michael
14:45	[694] CLFV at e+e- experiments	BANERJEE, Swagato
15:00	[695] PIONEER: a next-generation rare pion decay experiment	ZHANG, Yousen
15:15	[733] Light new physics at Mu3e	LANGHOFF, Kevin

Minisymposium: Neutrino Science with the DUNE Experiment - David Lawrence Hall 121 (16:00 - 17:30)**-Conveners: Vaia Papadimitriou**

time	[id] title	presenter
16:00	[696] Open questions in neutrino physics	HUBER, Patrick
16:22	[697] Status and Prospects of the DUNE Experiment	SHI, Wei
16:45	[698] Deep-learning at DUNE Far Detector	Prof. BIAN, Jianming
17:00	[699] Neural Network Based Fast Optical Simulation Method in ProtoDUNE-VD	ZHANG, Shuaixiang (Shu)
17:15	[700] The ProtoDUNE experiment: past results and future plans	MAN, Matthew Gar Jun

Tuesday 14 May 2024

Minisymposium: quantum instrumentation - David Lawrence Hall 121 (14:00 - 15:30)

-Conveners: Silvia Zorzetti

time	[id] title	presenter
14:00	[702] Quantum Sensing for Fundamental Physics	BRADY, Anthony
14:30	[703] Radiation Sensing with Superconducting Transmon Qubits	ROY, Tanay
14:50	[704] Quantum Measurement for Axion Dark Matter Searches	CHAUDHURI, Saptarshi
15:10	[521] Exploring Quantum Machine Learning for High-Energy Physics	YANG, Jinghong Prof. JABEEN, Shabnam

Wednesday 15 May 2024

Minisymposium: 10 TeV center of mass - David Lawrence Hall 121 (14:00 - 15:30)

-Conveners: Sridhara Dasu

time	[id] title	presenter
14:00	[705] Muon Collider in the future of the Energy Frontier	JINDARIANI, Sergo
14:30	[706] Maximising luminosity at the muon collider	ROGERS, Chris
14:50	[707] Muon Colliders for 10 TeV Center of Mass: The Accelerator and Collider	BERG, J. Scott
15:10	[708] Detector and Machine-Detector Interface (MDI) Challenges	HOLMES, Tova Ray

Minisymposium: forward physics - David Lawrence Hall 121 (16:00 - 17:30)

-Conveners: Brian Thomas Batell

time	[id] title	presenter
16:00	[709] Multi-Messenger Collider Physics at the Forward Physics Facility	FENG, Jonathan Lee
16:30	[710] FASER: recent results and perspectives	HSU, Shih-Chieh
16:45	[711] The Forward Liquid Argon Experiment at the Forward Physics Facility	Prof. BIAN, Jianming
17:00	[712] SND@LHC: Recent results and future prospects	LANTWIN, Oliver
17:15	[718] FORMOSA: looking forward to millicharged particles at the LHC	JOYCE, Matt

Thursday 16 May 2024

Minisymposium: Higgs factories - David Lawrence Hall 121 (14:00 - 15:30)

-Conveners: Sarah Eno

time	[id] title	presenter
14:00	[713] Physics of Higgs factories	PAUS, Christoph
14:26	[714] Detector R&D for future e+e- colliders	RAJAGOPALAN, Srin
14:52	[715] The ILC physics program at energies above 250 GeV	STRUBE, Jan
15:04	[716] Constraining CP-odd contributions in the Higgs-strahlung process at FCC-ee using kinematic observables	PINTO, Nicholas
15:16	[717] FCC-ee sensitivity to SUSY through precision Z-boson measurements	LANGHOFF, Kevin