

P5 Town Hall at Fermilab and Argonne

Wednesday, 22 March 2023

Open Session for remarks: Fermilab - Ramsey Auditorium (Wilson Hall) (15:55 - 17:30)

-Conveners: Kendall Mahn

time	[id] title	presenter
16:00	[57] Fermilab Accelerator Proton Intensity Upgrade	ELDRED, Jeffrey
16:05	[95] Enabling Role of Materials Science in Advancing Particle Physics Technologies	MURTHY, Akshay
16:10	[23] Tera-Z at FCCee: a b physics factory for the future	HIRSCHAUER, James ENO, Sarah
16:15	[75] High-Intensity Precision Muonium Physics at Fermilab	KAPLAN, Daniel
16:20	[90] The Pacific Ocean Neutrino Observatory (P-ONE)	WHITEHORN, Nathan
16:25	[70] High-Power Targetry R&D for Next-Generation Accelerator Facilities	AMMIGAN, Kavin
16:30	[81] Novel approaches for neutrino sources	SPITZ, Joshua
16:35	[89] DUNE Neutrino Event Generators	ISAACSON, Joshua
16:40	[114] Whole-PhD Support for Students in Instrumentation	Prof. DAHL, Eric
16:45	[54] Muon Collider: Today's R&D for Tomorrow's Discoveries	DIPETRILLO, Karri
16:50	[59] The GRAMS (Gamma-Ray and AntiMatter Survey) Project	ARAMAKI, Tsuguo
16:55	[111] Support for an National Axion User Facility	CERVANTES, Raphael
17:00	[97] Theia Physics Program	KAPTANOGLU, Tanner
17:05	[84] Promoting Accelerator Education within the Accelerator complex	AINSWORTH, Robert
17:10	[110] Particle Physics Beyond-the-Standard-Model with Cosmic Accelerators	HARDING, J. Patrick
17:15	[120] SRF cavity-based searches for new physics	GIACCONE, Bianca
17:20	[103] Dedicated R&D Facilities for Frontier Research in Accelerator Science and Technology	JARVIS, Jonathan
17:25	[102] Long Term Potential of the Modern Modular Bubble Chamber	RAMSON, Bryan

Thursday, 23 March 2023

Open Session for remarks: Argonne - Auditorium (13:00 - 14:30)

-Conveners: Beate Heinemann

time	[id] title	presenter
13:00	[71] Measuring Neutrino Oscillation Parameters With Atmospheric Neutrinos This Decade	Prof. ARGÜELLES DELGADO, Carlos
13:05	[73] The need to support the Pierre Auger Observatory and the Telescope Array Project into the 2030s	MAYOTTE, Eric
13:10	[100] Neutrino Opportunities at a Muon Collider	TABRIZI, Zahra
13:15	[76] WIMPs are Not Dead	ALBERT, Andrea
13:20	[116] CTA and IceCube: the prospects of multi-messenger astrophysics with next-generation gamma-ray and neutrino observatories	FENG, Qi
13:25	[104] The Importance of Small Experiments for the Vitality of Neutrino Physics	ROCA, Cristian
13:30	[118] Particle Physics with Ultrahigh-Energy Neutrinos	WISSEL, Stephanie
13:35	[121] The PROSPECT reactor neutrino experiment: Highlights and future opportunities	VENEGAS VARGAS, Diego
13:40	[113] Neutrino Physics and R&D at ANNIE	MASTBAUM, Andrew
13:45	[98] Trinity: UHE Earth-skimming Neutrino Detector	POTTS, Mathew
13:50	[112] Future Physics Opportunities at the Oak Ridge National Laboratory Spallation Neutron Source	NEWBY, Jason TSAI, Yun-Tse
13:55	[61] Time Slicing of Neutrino Fluxes in Oscillation Experiments at Fermilab	GANGULY, Sudeshna
14:00	[72] Next Generation Instrumentation for Ultra-High-Energy Cosmic Rays (UHECR)	SCHROEDER, Frank
14:05	[122] CYGNUS: New Physics Capabilities from Recoil Imaging	VAHSEN, Sven
14:10	[87] Cosmic Rays and Neutrinos with POEMMA and EUSO-SPB2 — Clinching Space to Open a New Gateway into Fundamental Physics	VENTERS, Tonia
14:15	[123] Advanced Accelerator Concepts for Future Colliders	LU, Xueying
14:20	[117] The Feasibility of In-Ice Ultrahigh Energy Neutrino Detectors	DEACONU, Cosmin HUGHES, Kaeli
14:25	[82] Hidden sector searches with low-energy neutrino scattering detectors	PERSHEY, Daniel