



# Fermilab ACE Science Workshop

## Thursday, 15 June 2023

### Short remarks & Synergies intro - Wilson Hall - One West (11:10 - 13:00)

-Conveners: Stefania Gori; Pedro Machado; Nhan Tran

time	[id] title	presenter
11:10	[27] Test Beam needs	NINER, Evan
11:20	[41] High-Power Targetry R&D for Next-Generation Accelerator Facilities	PELLEMOINE, Frederique
11:25	[42] The KPIPE Concept: Searching for Muon Neutrino Disappearance with Kaon Decay-at-Rest	SPITZ, Joshua
11:30	[51] Strong Millicharge and Long-Lived Particle Searches at FerMINI and LongQuest	TSAI, Yu-Dai
11:35	[4] The REDTOP experiment: a $e^+e^-$ factory to explore dark matter and physics beyond the Standard Model	GATTO, Corrado GATTO, Corrado GATTO, Corrado GATTO, Corrado
11:40	[5] Dark Sector Searches via Muon Beam-Dump Experiments	ZHONG, Yiming
11:45	[38] DAMSA, a dark sector particle search at PIP-II	YU, Jaehoon
11:50	[40] Time Slicing of Neutrino Fluxes in Oscillation Experiments at Fermilab	GANGULY, Sudeshna
11:55	[37] Future Muon and Muonium Physics at Fermilab	KAPLAN, Daniel
12:00	[36] New physics with muon beams	KAHN, Yonatan
12:05	[39] track-triggering at high rate	KOTWAL, Ashutosh
12:10	[43] Accelerator Driven Nuclear Reactor Development at Fermilab	JOHNSON, Rolland
12:15	[45] Prospective experiments to explore TMDs from exotic polarized nuclear targets with Fermilab's ACE plan	FERNANDO, Ishara
12:20	[44] A Dedicated Muon EDM Experiment in the 'g-2' Storage Ring	NARAYANAN, Aakaash
12:25	[29] Complementarity, seed discussions	