



# Particle Physics Annual Meeting

## Friday 24 May 2024

### Friday: AM 1 (09:00-10:30)

time	[id] title	presenter
09:00	[16] Counting of Z bosons & Electron Energy Calibration For W Mass (6+2)	NEWELL, Joshua
09:08	[37] Development of the agnostic global PID for ND280 near detector (6+2)	BATES, Patrick
09:16	[38] EDM searches and test beam studies in the g-2 and MUonE experiments (6+2)	FERRABY, Katherine
09:24	[39] Alternative Tracking Algorithm for the Mu3e Experiment (6+2)	KINSMAN, Charles
09:32	[40] Neutron Studies at LHCb (6+2)	HOWARTH, Ned
09:40	[41] $pp \rightarrow pp\tau$ cross-sections at the LHC - $pp \rightarrow pp\tau$ cross-sections at the LHC (6+2)	DIXIT, Bhupesh
09:48	[17] ARIADNE SiPM readout R&D + Darkside Cold test (6+2)	RAVINTHIRAN, Sudikshan
09:56	[43] Progress towards Strontium Atom Interferometry at RAL Space (6+2)	HUSSAIN, Kamran
10:04	[44] Tau-Lepton Identification and Decay Mode Classification using Graph Neural Networks (6+2)	MCNULTY, Robert

### Friday: AM 2 (11:00-13:16)

time	[id] title	presenter
11:00	[18] Atom Interferometry, MAGIS/AION (17+3)	TINSLEY, Jonathan
11:20	[19] LZ and XLZD (17+3)	HUGHES, Sean
11:40	[20] Darkside-20k (17+3)	TAYLOR, Alan
12:00	[21] VIDARR & BUTTON (17+3)	GOODING, James
12:20	[46] Updates from the department	D'ONOFRIO, Monica

### Friday: PM 1 (13:30-15:20)

time	[id] title	presenter
13:30	[22] CTA (7+3)	GREENSHAW, Timothy
13:40	[23] FASER (17+3)	CAVANAGH, Charlotte
14:00	[24] LHCb: Physics, VELO & DPA (17+3)	Dr LEITE, Juan
14:20	[25] LHCb Upgrade-II (17+3)	HENNESSY, Karol
14:40	[27] Silicon Detectors: R&D and applications (17+3)	HAMMERICH, Jan

### Friday: PM 2 (15:30-17:03)

time	[id] title	presenter
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15:30	[28] Update from our Computing Team (10+5)	WONG, Mark
15:45	[29] Update from the LSDC (10+5)	JONES, Tim
16:00	[30] Update from the Workshop and AML (10+5)	WHITLEY, Mark
16:15	[42] PMT Monitoring and Measurements at LZ and 30-Ton (6+2)	CARTER, Megan
16:25	[31] Closing remarks	VOSSEBELD, Joost