



# Science Week 2023

## Wednesday, August 2, 2023

### Poster Session (5:00 PM - 7:30 PM)

time	[id] title	presenter
5:00 PM	[80] Status of TITAN's Penning Trap Upgrades	CZIHALY, Annabelle
5:02 PM	[81] ML-Driven Tuning of Beamlines: Using Bayesian Optimization	KATRUSIAK, Alexander TANYER, Defne
5:04 PM	[82] Rydberg atom field ionizer for low-intensity radioactive isotope beams	PRASAD, Aryan
5:06 PM	[83] Event Reconstruction of an Aerogel Ring-Imaging Cherenkov Detector for the EMPHATIC Hadron Production Experiment	FATOUROS, Max
5:08 PM	[84] Segmenting Particle Showers in the ATLAS Detector with PointNet	BOHM, Jessica
5:10 PM	[85] Flux Trapping in Coaxial Superconducting Radio Frequency Cavities	GREGORY, Ruth
5:12 PM	[86] Anomalous electrical transport in frustrated intermetallic YbCuAs <sub>2</sub> : the role of spin	ABEDI, Mae
5:14 PM	[87] GNNs on FPGAs for Real-time Particle Reconstruction at the ATLAS Hardware Trigger	LERNER, Joshua
5:16 PM	[88] Jet Reconstruction for Future Muon Collider	USMANOV, Khurshid
5:18 PM	[89] A New Event Analysis Framework for Future Higgs Factories	BREWSTER, Josephine
5:20 PM	[90] Development of Diagnostic Procedures for the Investigation of Radiopharmaceuticals In Vitro	DAIGNAULT, Madison KOSTASHUK, Meghan
5:22 PM	[91] Performance of ATLAS Hadronic End-Cap Calorimeter Electronics Chain Configurations	KRAFT, Denaisha
5:24 PM	[92] Dark Matter from Dark Confinement	MIZUTA, Ricky
5:26 PM	[93] Development of Muon Spin Imaging Spectroscopy	SUGISAKI, Takato
5:28 PM	[94] Highly charged ion production and their use in nuclear spectroscopy and mass precision measurements	MALDONADO MILLAN, Fernando Alejandro
5:30 PM	[95] Barium Tagging at TRIUMF as an Upgrade to nEXO	CASANDJIAN, Iroise BACKES, Lucas
5:32 PM	[96] Simulating the CANREB radiofrequency quadrupole cooler-buncher	HARFORD, Paige