

The 59th Winter Nuclear & Particle Physics Conference (WNPPC2022)

Friday, 18 February 2022

Instrumentation: Accelerator Physics/Miscellaneous Instrumentation/Miscellaneous Theory (08:00 - 09:12)

-Conveners: Beatrice Franke

time	[id] title	presenter
08:00	[66] Accelerator Projects in Nuclear and Particle Physics - A Canadian Perspective	JUNGINGER, Tobias
08:24	[54] In Situ Magnetometry for Experiments with Antihydrogen	POWELL, Adam
08:36	[32] SiPM Stability Tests for nEXO	DARROCH, LUCAS
08:48	[18] Temperature-dependent Cluster Decay Half-lives	ROJAS GAMBOA, Diego Ferney
09:00	[56] Numerical Description of High Energy Electrons Propagating in a Coulomb Field	Mr REZA, Syed Navid

Instrumentation (10:00 - 11:12)

-Conveners: Erica Caden

time	[id] title	presenter
10:00	[45] Characterization of a Spatially Resolved Multi-element Laser Ablation Ion Source for Barium Tagging with nEXO	MURRAY, Kevin
10:12	[43] Low-temperature Optical Properties of Materials for Rare-event Searches	ELLINGWOOD, Emma
10:24	[13] Injection Test: Building a Data Injector for the ATLAS Liquid Argon Signal Processor	MAHEYER, Shroff
10:36	[37] Light-only Liquid Xenon (LoLX) Detector for Cherenkov and Scintillation Light Investigation	CHAMBERS, Christopher
10:48	[42] Microelectronic Simulations of the Proton in Silicon Using Geant4 for Beam Lifetime 3 Experiment	Mrs MOAZAM, Jabia
11:00	[19] AI-assisted Design of the Tracking System at the Electron Ion Collider	Mr SURESH, Karthik