Session Program

May 26 – 31, 2024

Canadian Association of Physicists

Association canadienne des physiciens et physiciennes

2024 CAP Congress / Congrès de l'ACP 2024

(PPD) R1-1 Detectors | Détecteurs (PPD)

Western University

Thu, May 30

8:15 AM

(PPD) R1-1 Detectors | Détecteurs (PPD)

Session | **Location:** Social Science Centre, Western U., SSC Rm 2024 (cap. 137)

8:15 – 8:45 AM **ATLAS Upgrades for the HL-LHC**

Speaker
Jeff Dandoy

8:45 – 9:00 AM **Quantum-assisted deep generative calorimeter surrogate**

Speakers
Mr Deniz Sogutlu, Hao Jia, J. Quetzalcoatl Toledo-Marin, Maximilian J Swiatlowski, Mr Sebastian Gonzalez, Wojtek Fedorko

9:00 – 9:15 AM

Simulating a high-rate liquid xenon calorimeter for the PIONEER experiment

Speaker
Benjamin Davis-Purcell

9:15 – 9:30 AM

(G) Performance Analysis of the CALICE Digital Hadronic Calorimeter (DHCAL) for Pion Measurements.

Speaker
Yasmin Naghizadeh

9:30 – 9:45 AM

MATHUSLA: A Proposed Detector for Long-Lived Particles at High-Luminosity LHC

Speaker
Runze Ren

9:45 AM