Session Program

25 July 2024

Poster Session 2024

Poster Session

CERN, 61/1-201 - Pas perdus - Not a meeting room -

Thursday 25 July

17:00

Poster Session: Poster Session
Session | **Location:** CERN, 61/1-201 - Pas perdus - Not a meeting room -

17:00–17:03 **LHCb Jet Flavour Classification with Graph Neural Networks**

Speaker
Gabriella Monet Pesticci

17:03–17:06 **Automating ATLAS control room anomaly detection with ML**

Speaker
Avery Bryn Hanna

17:06–17:09 **(Re)discovery of the Doubly Charmed Baryon in LHCb Run-3 Data**

Speaker
Linnuo Zhang

17:09–17:12
Event and object selection optimization for measurement of vector boson scattering in WZ+2jets events with ATLAS Run3 data

Speaker
Risako Tagami

17:12–17:15 **Investigating vertex seeding algorithms performances at high pile-up**

Speaker
Cleo Elisabeth Nicollin

17:15–17:18 **The Application of Machine Learning in Schottky spectra analysis**

Speaker
Manuel Bradicic

17:18–17:21 **Fast Shower Simulation for Future Detectors**

Speaker
Xinyu Zhu

17:21–17:24 **3D tracking at SND@LHC**

Speaker
Noemie Duc

17:24–17:27
Study of the dependence of electron trigger efficiency corrections on the electron ID

Speaker
Chloe Hooper

17:27–17:30 **ATLAS Trigger Menu Analysis**

Speaker
Clarisse Prat

17:30–17:33 Contamination study for the PI-LIST ion source

Speaker

Amina Sadu

17:33–17:36

Simulating and Analysing Crystal Channelling in the Large Hadron Collider

Speaker

Francie Wharton

17:36–17:39 Enhancement of the CMS Tabular Data Monitoring

Speaker

Zeina El Kojok

17:39–17:42 project is cancelled

17:42–17:45

Feasibility study of observation of inverse neutrinoless double beta decay at the LHC

Speaker

Dang Bao Nhi Nguyen

17:45–17:48

Measurement of J/ψ Production Cross Section at $\sqrt{s} = 13.6$ TeV at LHCb Experiment

Speaker

Zihan Gao

17:48–17:51 Improving Continuous Testing Infrastructure of Xsuite

Speaker

Benchaphorn Chanprasertkul

17:51–17:54

OPTIMISATION OF NOISE-FILTERING SYSTEM FOR DATA REDUCTION UNDER HIGH BACKGROUND. In SND@LHC Experiment

Speaker

Luis Gonzalez

17:54–17:57 Charm-Yukawa Interaction

Speaker

Sienna Chi-Yin Lam

17:57–18:00

AF3 and FullSim Comparison for Charged Higgs Boson Searches in ATLAS

Speaker

Denaisha Kraft

18:00–18:03 OCR Pipeline Service for Automating Contact Information Extraction

Speaker

Viphava Khlaisuwan

18:03–18:06

Time's Role in Advancing LHCb ECAL Upgrade 3 Clustering Reconstructions

Speaker
Gabriel Garcia Asensio

18:06–18:09 **Simulations for T2 wobbling station in CERN's North Area**

Speaker
Kyproula Mitsidi

18:09–18:12 **project is cancelled**

18:12–18:15 **Towards a New Lepton Flavour Universality Test with Baryons**

Speaker
Pamela Llerena Delgado

18:15–18:18 **Tracking Simulation for FCC-ee Collider Top-up Injection**

Speaker
Arda Inanc

18:18–18:21

Investigation on the Structural Dynamics of the Decay Vessel for the SHiP Experiment

Speaker
Daniel Okene

18:21–18:24 **Web Visualization of ATLAS data**

Speaker
Coral Izquierdo Muniz

18:24–18:27 **Garfield++ simulation of silicon sensors**

Speaker
Faezeh Gogounani

18:27–18:30

Eliminating Coffee Breaks at CERN: ROOT Histogram Performance Improvements using GPUs and Batching

Speaker
Kevin Nobel

20:00