

Session Program

25 July 2023

Poster Session 2023

Poster Session

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

Tuesday 25 July

17:00

Poster Session: Poster Session

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

17:00–17:03 **CMS Inspection Robot**

Speakers

Aljoharh Alshwaish, Firas Abou Karnib

17:03–17:06 **LHCb Simulation Wizard**

Speaker

Alexia Alexander Wight

17:06–17:09 **Characterization of Proton Irradiated SiC Sensors**

Speaker

Elias Arnqvist

17:09–17:12

Search for new phenomena in 4 lepton final states with the full Run 2 dataset

Speaker

Mr Shreyas Bakare

17:12–17:15

Application of Machine Learning in Simulation and Analysis of Neutrino Interactions with Argon Nuclei:

Speaker

Shubham Bangalia

17:15–17:18 **ATLAS L1Calo Trigger System**

Speaker

Srinidhi Budhiraju

17:18–17:21

$t\bar{t}H$ Events Classification with Graph Neural Networks in $2L(SS)+1\tau$ had Channel

Speaker

Paramott Bunnjaweht

17:21–17:24 **Photon ID**

Speaker

Mx Franco Cassinese

17:24–17:27 **BRIL**

Speaker

Luis Andres Chicaiza Chuquitarco

17:27–17:30 **Search for Scalar Leptoquarks Through T-Channel Production at LHCb**

Speaker

Carrie Re Cox

17:30-17:33

Barrier bucket multi-turn extraction from PS to SPS for fixed-target experiments**Speaker**

Matis Cuvelier

17:33-17:36

Optical Characterizations of Aerogel and Anti-Reflecting Coating of SiPM**Speaker**

Almaida Firdaus

17:36-17:39

MTD**Speaker**

Amal Ali A. Hasan

17:39-17:42

Efficiency characterization of gamma+6 jets trigger**Speaker**

Joaquin Iturriza Ramirez

17:42-17:45

Studying the Decay of the Hypertriton**Speaker**

Elli Sophie Jobst

17:45-17:48

Long-range correlations in pp collisions**Speaker**

Olavi Kiuru

17:48-17:51

Characterization of the PS Kickers for Improved Fast Extraction**Speaker**

Felix Klose

17:51-17:54

Emulsion Data Analysis for SND@LHC**Speaker**

Tanvi Krishnan

17:54-17:57

Measurements of the $L_b \rightarrow J/\psi X_i K$ and $X_{ib} \rightarrow J/\psi X_i \pi$ Branching Ratios**Speaker**

Noah Luch

17:57-18:00

lb-telemetry: Identifying optimisation opportunities in software tools**Speaker**

Cameron Duncan McClymont

18:00-18:03

Optimization of the longitudinal segmentation of a SPACAL for the LHCb PicoCal**Speaker**

Aleksandra Petkovic

18:03-18:06

Evil Storage Layer for RNTuple**Speaker**

Vicky Porter

18:06-18:09

Performance Studies and New Particle Search with the ATLAS Forward Proton Detector**Speaker**

Haritina Sakova

18:09-18:12

RF power predictor for SPS 200 MHz cavities**Speaker**

Tanvir Sayed

18:12-18:15

Study of the noise properties of non-destructive single-particle detector for antiproton spin flip identification**Speaker**

Halil Furkan Kimkak

18:15-18:18

Characterisation of additively manufactured synchrotron radiation absorber**Speaker**

Kristupa Seskauskaitė

18:18-18:21

Quality Control and certification of GEM detectors for the CMS GE2/1 station**Speaker**

Riana Shaba

18:21-18:24

Formal Verification of Neural Networks**Speaker**

Thanapong Sommart

18:24-18:27

Time information in conformal tracking for future colliders**Speaker**

Wei-Po Wang

18:27-18:30

RFQcb at Offline 2**Speaker**

Jara Anielle Wilensky

20:00