



# Poster Session 2022

## Thursday, 28 July 2022

**Poster Session: Poster titles - 61/1-201 - Pas perdus - Not a meeting room - (17:00 - 20:00)**

| time  | [id] title  | presenter   |
|-------|---|---|
| 17:00 | [22] "Electron cloud in the LHC - estimating the SEY in Run 3"  | SEDLAKOVA, Veronika   |
| 17:05 | [41] Decay of Thallium at Isolde Decay Station  | CORY, Jordan Rose   |
| 17:10 | [23] 'Studying neutrino oscillations at the DUNE experiment'  | BARNARD, Abbey  |
| 17:20 | [42] Preparation and analysis of the 2022 ME0 test beam   | VAN DER SCHUEREN, Silke   |
| 17:25 | [25] "Event classification using flatenicity in pp collisions at 13.6 TeV"  | AGUIRRE POLO, Andrea  |
| 17:30 | [26] Development and application of analysis software for a current based defect characterization technique (TSC) in irradiated silicon sensors | PETERS, Karol Pawel   |
| 17:40 | [27] Miniball installation  | HEINES, Johannes Sørby  |
| 17:50 | [28] A study of ttHH production at CMS  | LAVIZZARI, Giulia<br>RAIDAL, Juhan Tiitus<br>DESIRE VALDOR, Paula |
| 18:00 | [29] Automation of the baking of the positron/positronium conversion target at AEgIS  | IMAMURA, Tomoka   |
| 18:05 | [30] Background Subtraction for Heavy-Flavour Jets in Pb-Pb collisions  | RAUT, Trupti Mangesh  |
| 18:10 | [31] ATLAS ITk Upgrade for the HL-LHC   | SONI, Ruchi Manish  |
| 18:15 | [32] Safety System for the Vertex Locator (VELO) subdetector of the LHCb  | AMORIM PIRES REZENDE, Giovanna                                    |
| 18:20 | [33] Model-Independent Multilepton Analysis   | THORNTON-BERRY, Lara Isobel                                       |
| 18:25 | [34] Understanding the hardware calorimeter trigger   | WHITER, Eleanor   |
| 18:30 | [35] De-Coupling Dark Matter  | LIU, Ming-Shau  |
| 18:35 | [36] Meson scattering in 2 dimensional QCD  | AMBROSINO, Federico   |
| 18:40 | [37] Searches for dark matter candidates in mono-W/Z final states with the ATLAS detector   | SOKOLOVA, Dina  |
| 18:45 | [38] CRAB Data Analysis   | PHUMEKHAM, Nutchaya   |
| 18:50 | [39] Towards a New Lepton Flavour Universality Test with Baryons  | ROCKS, Sebastian  |
| 18:55 | [40] Time Series Analysis for Data Monitoring   | SRIMAHAJARIYAPONG, Kasidit  |
| 19:00 | [43] Assembly and Quality Control of GEM Detectors for the Future Upgrade of the CMS Muon System  | ALASFOUR, Ghaneemah A J A   |
| 19:05 | [44] Parallel Data Analysis Techniques Across Different CERN Collaborations   | WEISS, Alison Smith   |
| 19:15 | [46] Phase Methods for Precision Measurements at BASE   | JACQUET, Elisa Elena  |
| 19:20 | [47] The Particle Flow Algorithm in the Phase II Upgrade of the CMS Level-1 Trigger   | Mr CHAMBERS, Aidan  |

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|-------|--|---|
| 19:25 | [48] Automatic mechanisms to legacy documentation  | MAGALLANES PINARGOTE, Franklin Enmanuel |
| 19:30 | [49] The Embedded Monitoring Processor of the ATLAS DCS EMCI-EMP interface                   | GKOTSIS, Panagiotis                     |
| 19:35 | [50] Massive Vector Doublet Phenomenology via Left-handed Heavy Neutral Leptons (Msc Thesis) | AREYUNA CALABRESE, Paulo Andres         |
| 19:40 | [51] Searching for a doubly charged Higgs using ADL and CutLang                              | OHRNBERG, Ronja                         |
| 19:45 | [52] Modernize Orchestration of Functional Tests   | SANTA ROSA GOMES, Vitor                 |
| 19:50 | [53] Fully Pythonic RDataFrame Applications  | PAWAN, Pawan                            |