

8th LIP/IDPASC PhD Students Workshop

Thursday, 17 October 2024

Session 3: Group 6 - Auditório B1, Complexo Pedagógico 2 (09:30 - 10:15)

-Conveners: Nuno Castro

| time | [id] title | presenter |
|-------|--|--------------------|
| 09:30 | [22] Parton Showers for Heavy Ion Collisions | CORDEIRO, André |
| 09:35 | [23] Underlying Event contamination in PbPb Collisions | A. GONÇALVES, João |
| 09:40 | [24] Real-Time Beam Monitoring Device Based On Cherenkov Effect For FLASH RT With Charged Particle Beams | RIBEIRO, Gonçalo |
| 09:45 | [25] An Integrated Framework for the Radiation Environment in Space, on Mars and on the Moon and its Implications for Human Space Flight | LIMA, Bruna |
| 09:50 | [26] Light clusters in hot nuclear matter: calibrating the interaction with heavy-ion collisions | CUSTODIO, Tiago |
| 10:00 | [27] Discussion | |

Session 3: Group 7 - Auditório B1, Complexo Pedagógico 2 (10:15 - 11:00)

-Conveners: Nuno Castro

| time | [id] title | presenter |
|-------|--|--------------------|
| 10:15 | [28] Machine Learning Anomaly Detection techniques for the search of new signal at LHC with ATLAS experiment | BERTI, Annalisa |
| 10:20 | [29] Neutrinoless double-beta decay with SNO+: Enhanced sensitivity with Machine Learning | QUENALLATA, Beymar |
| 10:25 | [30] Using Machine Learning to Scan Beyond Standard Model Parameter Spaces | SOUZA, Fernando |
| 10:30 | [31] Search Engine Bias | DAMIÃO, Íris |
| 10:35 | [38] The CMS HGCALE backend DAQ system firmware implementation | ROSADO, Martim |
| 10:45 | [32] Discussion | |