



# 8th LIP/IDPASC PhD Students Workshop

## Wednesday, 16 October 2024

### Session 2: Group 5 - Auditório B1, Complexo Pedagógico 2 (17:45 - 18:30)

-Conveners: André Torcato

| time  | [id] title   | presenter            |
|-------|--|----------------------|
| 17:45 | [45] Probing first interaction properties of ultra high energy cosmic rays by measuring the low muon number distribution tail using underground muon detectors | FERNANDES, Alexandra |
| 17:50 | [46] Gamma/hadron discrimination at Ultra High Energies with the Southern Wide-field Gamma-ray Observatory   | GIBILISCO, Lucio     |
| 17:55 | [47] Cosmic Rays: development of outreach modules through participatory design   | AFONSO, Luis         |
| 18:00 | [48] Sensitivity of a MARTA Station at the Pierre Auger Observatory to Extensive Air Shower Particle Energy Distributions                                      | FREITAS, Milton      |
| 18:05 | [49] Enhancing Pierre Auger Observatory's and SWGO's Detection Capabilities  | COSTA, Pedro         |
| 18:10 | [50] Discussion  |                      |