| 0-11-1-        | Tuesday (03/21)  |                                   |
|----------------|--|-----------------------------------|
| Schedule       | Title  | Speaker                           |
| 09:00          | Welcome Coffe  |                                   |
| 09:15          | LHCb results relevant for dark matter searches   | Murilo Santana Rangel             |
| 09:30          |  |                                   |
| 09:45          |  |                                   |
| 10:00          | Fingerprints of modified gravity on galaxies in voids                                      | Pedro Cataldi                     |
| 10:15          |  |                                   |
| 10:30          | Neutron Conversions and Dark Matter  | Bernhard Meirose                  |
| 10:45          |  |                                   |
| 11:00          |  |                                   |
| 11:15          | Flash talks  |                                   |
| 11:30          | Discussions  |                                   |
| 11:45          |  |                                   |
| 12:00          |  |                                   |
| 12:15          | Lunch  |                                   |
| 12:30          |  |                                   |
| 12:45          |  |                                   |
| 13:00          |  |                                   |
| 13:15<br>13:30 |  |                                   |
| 13:45          | Consequences of primordial black holes as dark matter                                      | Nelson Padilla                    |
| 14:00          |  |                                   |
| 14:15          | Photometric redshifts probability density estimation from Recurrent Neural Networks in the |                                   |
| 14:30          | DECam Local Volume Exploration Survey Data Release 2                                       | Gabriel da Silva Moreira Teixeira |
| 14:45          | Search for Dark Sector by Repurposing the UVX Brazilian Synchrotron                        | Álvaro Santos de Jesus            |
| 15:00          |  |                                   |
| 15:15          | Coffe-break  |                                   |
| 15:30          | - Conte-break  |                                   |
| 15:45          | Fourfold Search for Dark Matter  | Farinaldo Queiroz                 |
| 16:00          |  |                                   |
| 16:15          |  |                                   |
| 16:30          | An empirical approach into cosmological constant   | Ramon de Sá Pereira               |
| 16:45          |  |                                   |
| 17:00          |  |                                   |
| 17:15          | Discussions  |                                   |
| 17:30          |  |                                   |