

Session Program

9-13 Jan 2023

**8th International Conference on High Energy
Physics in the LHC Era**

Parallel session C

Universidad Técnica Federico Santa María, Building T
Avda. España 1680, Valparaíso, Chile

Monday 9 January

14:30

Parallel session C: Astroparticles/Dark Matter

Session | **Location:** Universidad Tecnica Federico Santa Maria, Room C226, Building C | **Convener:** Sebastian Tapia Araya

14:30–14:50

Study of high-energy hadronic interactions with the Pierre Auger Observatory

Speaker

Belén Andrada

14:50–15:10

Anisotropy studies of the arrival directions of cosmic rays at the highest energies with the Pierre Auger Observatory

Speaker

Joao de Mello Neto

15:10–15:30

Search for dark photons in heavy-ion collisions

Speaker

Elena Bratkovskaya

15:30–15:50

Dark sector of an extended 2HDM with Q4 symmetric matter

Speaker

Dr Catalina Espinoza Hernández

15:50–16:10

Searches for Dark Matter with the ATLAS Experiment at the LHC

Speaker

Joseph Haley

16:10