

Session Program

10-13 Oct 2023



42nd International Symposium on Physics in Collision

Parallel Session 1

University of Tarapaca, Arica, Chile

The conference will take place in the Universidad de Tarapaca, Campus Velasquez, in Arica, Chile in physical presence. It is expected that speakers will join physically, but in some cases online presentations will be possible.

Wednesday 11 October

11:00

Parallel Session 1

Session | **Location:** Aula Magna, Aula Magna | **Convener:** Prof. Livia Ludhova

11:00-11:25

Exploring Hadronic Interactions Beyond Collider Energies: Insights from the Pierre Auger Observatory

Speaker

Dr Analisa Gabriela Mariazzi

11:25-11:45

Results from the Auger Radio Detector

Speaker

Carlo Salvatore Cruz Sanchez

11:45-12:10

Mass composition analysis with the Pierre Auger Observatory: results and prospects

Speaker

Fernando Gollan

12:10-12:35

Charm physics at BESIII

Speaker

Dr Bai-Cian Ke

12:35-13:00

Charmonium decays at BESIII

Speaker

Boan Shi

13:00

14:30

Parallel Session 1

Session | **Location:** Aula Magna, Aula Magna | **Convener:** Bernd Stelzer

14:30-15:00

The physics prospects and current status of JUNO

Speaker

Dr Bei-Zhen Hu

15:00-15:30

Perspectives of future gravitational wave detectors

Speaker

Achim Stahl

15:30

16:00

Parallel Session 1

Session | **Location:** Aula Magna, Aula Magna | **Convener:** Achim Stahl

16:00-16:20

JUNO Sensitivity to Geoneutrinos

Speaker

Cristobal Ignacio Morales Reveco

16:20-16:40

The Light Dark Matter eXperiment (LDMX)

Speaker
Christian Herwig

16:40-17:00 **The MATHUSLA Experiment**

Speaker
Steven Robertson

17:00