

Tópicos de Física de Partículas e Astropartículas I 23/24

Report of Contributions

Contribution ID: **16**

Type: **not specified**

Observation of high-energy neutrinos from the Galactic plane

Tuesday, 16 January 2024 15:00 (30 minutes)

Presenter: DIAS, David

Session Classification: Session II

Contribution ID: 17

Type: **not specified**

Limits to Gauge Coupling in the Dark Sector Set by the Non- observation of Instanton-Induced Decay of Super-Heavy Dark Matter in the Pierre Auger Observatory Data

Monday, 15 January 2024 09:30 (30 minutes)

Presenter: PEREIRA, Margarida

Session Classification: Session I

Contribution ID: **18**

Type: **not specified**

A detailed map of Higgs boson interactions by the ATLAS experiment ten years after the discovery

Tuesday, 16 January 2024 15:30 (30 minutes)

Presenter: BARRETO, Gonalo

Session Classification: Session II

Contribution ID: **19**

Type: **not specified**

Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory

Tuesday, 16 January 2024 16:00 (30 minutes)

Presenter: PARENTE, Rafael

Session Classification: Session II

Contribution ID: 20

Type: **not specified**

Peta-electron volt gamma-ray emission from the Crab Nebula

Monday, 15 January 2024 10:00 (30 minutes)

Presenter: NUNES, Madalena

Session Classification: Session I

Contribution ID: 21

Type: **not specified**

Constraining the sources of ultra-high-energy cosmic rays across and above the ankle with the spectrum and composition data measured at the Pierre Auger Observatory

Monday, 15 January 2024 10:30 (30 minutes)

Presenter: DREYER, Iuna

Session Classification: Session I

Contribution ID: 22

Type: **not specified**

New Definition of the Neutrino Floor for Direct Dark Matter Searches

Monday, 15 January 2024 11:00 (30 minutes)

Presenter: COSTA, Ana Beatriz

Session Classification: Session I

Contribution ID: 23

Type: **not specified**

First measurements of N-subjettiness in central Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV

Tuesday, 16 January 2024 16:30 (30 minutes)

Presenter: FIGUEIREDO, Pedro

Session Classification: Session II

Contribution ID: 24

Type: **not specified**

Features of the Energy Spectrum of Cosmic Rays above 2.5×10^{18} eV Using the Pierre Auger Observatory

Monday, 15 January 2024 11:30 (30 minutes)

Presenter: MARTINS, Inês

Session Classification: Session I

Contribution ID: 25

Type: **not specified**

Measuring the Higgs self-coupling via Higgs-pair production at a 100 TeV p-p collider

Tuesday, 16 January 2024 14:30 (30 minutes)

Presenter: ABREU, Manuel

Session Classification: Session II