

# **Tópicos de Física de Partículas e Astropartículas I 25/26**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Discovery of suppressed charged-particle production in ultrarelativistic oxygen-oxygen collisions**

*Friday 16 January 2026 10:00 (30 minutes)*

**Presenter:** YAO, Joana

Contribution ID: 2

Type: **not specified**

## **Measurement of the Depth of Maximum of Air-Shower Profiles with energies between $10^{18.5}$ and $10^{20}$ eV using the Surface Detector of the Pierre Auger Observatory and Deep Learning**

*Friday 16 January 2026 10:30 (30 minutes)*

**Presenter:** RORIZ, Gonçalo

Contribution ID: 3

Type: **not specified**

# **The Distribution of Ultrahigh-energy Cosmic Rays along the Supergalactic Plane Measured at the Pierre Auger Observatory**

*Friday 16 January 2026 11:00 (30 minutes)*

**Presenter:** LIMA, Kuan

Contribution ID: 4

Type: **not specified**

## **Measurement of reactor antineutrino oscillations with 1.46 ktonne- years of data at SNO+**

*Friday 16 January 2026 11:30 (30 minutes)*

**Presenter:** SOARES, Sofia