

## Session Program

6-10 Jan 2025



## 9th International Conference on High Energy Particle and Nuclear Physics in the LHC Era

### *Plenary session 12*

Santa Maria University, Building A  
Avda. España 1680, Valparaíso, Chile

## Friday 10 January

10:45

### Plenary session 12

**Session** | **Location:** Santa Maria University, Building A, Avda. España 1680, Valparaíso, Chile

10:45-11:20

#### Development of high precision 4D-trackers for future experiments

**Speaker**

Artur Apresyan

11:20-11:55

#### Recent BABAR studies of high-order radiation in ISR $e^+e^- \rightarrow \mu^+\mu^-\gamma$ and $e^+e^- \rightarrow \pi^+\pi^-\gamma$ events and their implications on data-driven hadronic vacuum polarization predictions of the muon $g-2$

**Speaker**

Mr José Ocariz

11:55-12:30

#### Latest insights from MINERvA

**Speaker**

Marco Ayala

12:30-13:05

#### Superconducting Single Photon Detectors: from quantum networks to dark matter

**Speaker**

Cristián Peña

13:05