

**Session Program**

**17-20 Dec 2025**

# **International Workshop on Cosmic Ray Direct Detection and Physics**

***Primary cosmic rays***

Purple Mountain Observatory, Chinese Academy of Sciences

# Wednesday 17 December

14:00

## Primary cosmic rays

**Session | Location:** Building3, 3-302 | **Conveners:** Yunlong Zhang, Xiang Li

14:00-14:10 **Opening speech**

**Speaker**

Jin Chang

14:10-14:25 **Ten years of DAMPE in space**

**Speaker**

Yizhong Fan

14:25-14:50 **Measurement of primary cosmic ray spectra with DAMPE**

**Speaker**

Dr Chuan Yue

14:50-15:15 **Progresses of AMS**

**Speaker**

Weiwei Xu

15:15-15:40 **Progresses of CALET**

**Speaker**

Yosui Akaike

15:40-16:10 **Break & Photo**

16:10-16:35

## Measurement of proton and helium spectra up to PeV energies with DAMPE

**Speaker**

Andrii Tykhonov

16:35-17:00 **Measurement of proton and helium spectra with LHAASO**

**Speaker**

Zhen Cao

17:00-17:25

## Testing Galactic cosmic-ray models in the era of precise spectral measurements

**Speaker**

Carmelo Evoli

17:25-17:50 **Origin of PeV cosmic rays**

**Speaker**

Siming Liu

17:50