



ID de Contribution: 9

Type: Non spécifié

The Atacama Cosmology Telescope sixth data release: ACT DR6

lundi 13 octobre 2025 14:00 (20 minutes)

In March 2025, the Atacama Cosmology Telescope (ACT) collaboration released its last cosmological analysis along with a new cosmic microwave background (CMB) dataset. The sixth data release (DR6), including data collected from 2017 to 2022, covers 40% of the sky at arcminute resolution providing precise maps of CMB temperature and polarization. In this talk, I will give an overview of the challenges faced during the ACT DR6 analysis and discuss our constraints on the standard model of cosmology and its extensions.

Auteur: LA POSTA, Adrien (Oxford University)

Orateur: LA POSTA, Adrien (Oxford University)

Classification de Session: Ground-based observatories