

FINAL ACT

mardi 7 novembre 2023 14:00 (30 minutes)

Between 2017 and 2022, the Atacama Cosmology Telescope observed 40% of the sky at arcminute resolution, approximately four times the angular resolution of the Planck satellite. In my presentation, I will discuss recent results based on this data, focusing particularly on the high signal-to-noise measurement of the Cosmic Microwave Background (CMB) lensing field. Additionally, I will elaborate on the upcoming public data release, ACT DR6. When combined with Planck data, this release is expected to provide the most accurate cosmological constraints on the Lambda Cold Dark Matter (LCDM) parameters to date.

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Classification de Session: Review and contribution talks