

# Statistical Detection of kSZ Effect from ACTPol+ Planck Co-added Map

*Wednesday 26 April 2023 15:00 (15 minutes)*

In this work, we will present the preliminary work on statistical detection of kSZ effect using Aperture Photometry. We use DESI cluster galaxy catalogue that follows in Boss-North and D56 ACTPOL region to measure kSZ effect.

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**Session Classification:** Research Talk 10: QIT/ML/Neutrinos/Astrophysics/Cosmology

**Track Classification:** Cosmology