

# DESI, an overview, peculiar velocities and synergies with ZTF

*Monday 3 February 2025 09:20 (30 minutes)*

In this talk I will give an overview of the Dark Energy Spectroscopic Instrument (DESI) and their first cosmological results from the first-year dataset. I will briefly introduce the DESI peculiar velocity program, aiming the measurement of 180k distances with Tully-Fisher and Fundamental Plane relations. I will also briefly introduce the Zwicky Transient Facility (ZTF) and their supernovae program, which probes the same volume as DESI galaxies and have the potential to yield interesting growth rate measurements from their peculiar velocities, in a joint DESI-ZTF analysis.

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