

# Reconstructing Dark Energy

*Thursday, 10 July 2025 15:00 (30 minutes)*

Reconstructing the expansion history of the universe and the properties of dark energy have been among the main goals of physical cosmology. I will discuss reconstructing dark energy in light of the most recent cosmological observations, including DESI-2025 BAO observations, various supernova compilations, and Planck CMB data. I will also discuss some theoretical implications of the parametric and non-parametric reconstructions.

**Presenter:** SHAFIELOO, Arman (KASI)

**Session Classification:** Plenary