

# Measuring the Properties of Dark Energy with Galaxy Surveys

*Wednesday, 29 August 2018 11:30 (30 minutes)*

I will summarize the ways in which galaxy surveys test the properties of Dark Energy and the current constraints based on these tests. I will include a particular focus on the use of distance measurements provided by measuring the baryon acoustic oscillation feature in the distribution of galaxies. I will discuss some of the current tensions within the  $\Lambda$ CDM model and the future measurements that will probe them further.

**Presenter:** Dr ROSS, Ashley (Ohio State U.)

**Session Classification:** Plenary Session