

Cosmology with large scale structures: from KiDS to DESC

Sunday 7 September 2025 09:00 (45 minutes)

Probes of the large scale structures can give us the much needed insight into the nature of the dark Universe. In this talk I will show the latest results from the Kilo Degree Survey (KiDS) and our prospect with the stage four survey LSST. I will focus on the 3x2pt analysis that combines weak gravitational lensing, galaxy-galaxy lensing and galaxy clustering, from its models to analysis.

Presenter: Prof. ASGARI, Marika (Newcastle U.)