## Impact of non-linearities on Modified Gravity constraints

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In this talk I will present forecasted constraints on Modified Gravity using Galaxy Clustering and Weak Lensing. I will explore different possible phenomenological parametrizations for Modified Gravity models, encoding the effects of these modifications in two generic functions ( $\eta$  and  $\mu$ ) of time and space which affect the Poisson equation and the so-called gravitational slip. I will focus on forecasts for future surveys, like Euclid, SKA1, SKA2 and DESI and I will highlight the constraining power gained when including non linear scales in the analysis using phenomenological prescription for the modelling of these scales in the Modified Gravity framework.