

Multi-survey cosmology from galaxy clustering and weak lensing

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The inferred cosmological information is most robust when multiple probes are combined. Two of the most sensitive probes of the large-scale structure of the universe are galaxy clustering and weak lensing. I will present new cosmological results combining those two probes (in a so-called 3x2pt analysis) using DESI DR1 spectroscopic data for the galaxy clustering and weak lensing data from the DES, KiDS and HSC surveys. Last, I will discuss prospects of future cross-survey analyses from this combination of probes.

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