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The role of cross-correlations in future galaxy surveys

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The future large galaxy surveys will allow for precise cosmological analyses using the clustering of galaxies and cosmic shear. The cross-correlation between these probes can tighten constraints and it is therefore important to quantify its impact for future surveys. In this talk I will present the latest results of the Euclid Collaboration quantifying the role of the cross-correlation between angular galaxy clustering and cosmic shear, not only on the cosmological parameters but also on the systematic effects. I will finish by presenting the missing ingredients to fully combine future photometric and spectroscopic datasets taking into account all cross-correlations.

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