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PNG with interlopers in Euclid

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Euclid is going to reveal the exciting nature of our universe by observing Emission Line Galaxies (ELG) in the redshift region $1 < z < 2$, with a high survey area of 15000 deg². In this talk, I will describe the Systematic Effect of the Line-Misidentification, an important effect of Spectrophotometric observations on high contaminated galaxy samples from interlopers. Then, I will present its impact in measurements of local Primordial Non-Gaussianity (PNG) with Euclid as a baseline experiment.

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