

AGN & Euclid: a close entanglement

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Euclid has been launched in July 2023 with the first internal Data Release DR1 planned for December 2024. While Euclid has primarily been optimised for the study of dark matter and dark energy, the wealth of data it will accumulate promises groundbreaking insights into Active Galactic Nuclei (AGN), their origins, and their evolution. In this talk I will show you how Euclid will identify and characterised AGN by using spectroscopy and photometry, providing a great amount of information to investigate fundamental open issues, such as the AGN demography and AGN evolution with redshift and luminosity, tracing the growth of BHs and providing an important constraint on galaxy/AGN evolution models.

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