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Euclid and the challenge of neutrino mass detection

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The ESA Euclid mission will map the cosmic web with unprecedented precision. Among the main scientific objectives of Euclid one stands out for its interdisciplinary impact: the measurement of the sum of neutrino masses.

In this talk I will highlight the challenges that cosmology will have to face in order to exploit the accuracy of Euclid data, and achieve this groundbreaking result. I will also show the potential consequences of such measurement on the neutrino mass ordering.

Collaboration name

Euclid

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