

SF2A abstract: Paving the way to the Fornax ICL analysis with Euclid data

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April 2026

The first data release of the Euclid space telescope mission will cover a large portion of the sky. It will include new observations of the Fornax Wall structures (especially the Fornax Cluster and the Dorado Group) in a unique combination of coverage, depth, and resolution, enabling the study not only of their diffuse components but also of their globular cluster (GC) counterparts. However, these wide fields (spanning multiple Euclid observations) require adaptations of image processing methods (especially, but not exclusively, on star subtraction) in order to extract precise photometric measurements of the diffuse components. The work presented will review the data preparation efforts and the first results of this study.