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Marie Skłodowska-Curie Actions

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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Pier Stefano Corasaniti
Supervisor page	https://luth.obspm.fr/~luthier/corasaniti/
Host Institution	Centre National de la Recherche Scientifique (CNRS) https://www.cnrs.fr/en
Research Lab	Laboratory for the study of the Universe and eXtreme phenomena https://lux.observatoiredeparis.psl.eu/?lang=en
Research Team	Cosmology and Galaxies https://lux.observatoiredeparis.psl.eu/-COSGAL-

Project Title

Constraining non-Standard Dark Energy Models with Euclid

Project Description

The nature of dark energy remains unknown, however the first data release from Euclid survey has the potential to provide new insights on this quest. We plan to test several non-standard models of dark energy with cosmological measurements from Euclid. Our group participates to several science working groups of the Euclid consortium and has privileged access to the data. We welcome applicants, who are willing to realise cosmological analyses of Euclid data.

Keywords

cosmology, dark energy, galaxy clustering

Description of the Host Research Lab

The LUX addresses a wide range of topics in astrophysics, focusing on the study of extreme phenomena and processes on (extra)galactic scales. All methodologies of modern astrophysics are employed: theory, simulations, observations, instrumentation, and laboratory astrophysics. The laboratory's hundred members are distributed across three sites: the Meudon and Paris campuses of the Paris Observatory and the Jussieu campus of Sorbonne University. The unit's three supervising bodies are the Paris Observatory, CNRS, and Sorbonne University. LUX is organized around three scientific teams and one instrumental team.

To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr