



**MSCA**

Marie Skłodowska-Curie Actions

*Developing talents,  
advancing research*

## Postdoctoral Fellowships



### CALL FOR APPLICATIONS 2025 – FELLOWS

<b>Supervisor</b>	Marco Cirelli
<b>Supervisor page</b>	<a href="http://www.marcocirelli.net/">http://www.marcocirelli.net/</a>
<b>Host Institution</b>	Centre National de la Recherche Scientifique (CNRS) <a href="https://www.cnrs.fr/en">https://www.cnrs.fr/en</a>
<b>Research Lab</b>	Laboratory of Theoretical and High Energy Physics <a href="https://www.lpthe.jussieu.fr/static/en/index.html">https://www.lpthe.jussieu.fr/static/en/index.html</a>
<b>Research Team</b>	Particle Physics and Cosmology <a href="https://www.lpthe.jussieu.fr/static/en/articles/article11.html">https://www.lpthe.jussieu.fr/static/en/articles/article11.html</a>

#### Project Title

Astroparticle Physics and Dark Matter Phenomenology

#### Project Description

The project deals with the phenomenology of Dark Matter (DM), with a particular focus on signatures of models of light (MeV-GeV) DM or heavy (multi-TeV and beyond) DM, which have been comparatively less studied recently.

The main tool is indirect detection, i.e. using photons, neutrinos and cosmic rays as messengers. More generally, implications in astroparticle physics, cosmology and astrophysics can be envisioned.

#### Keywords

astroparticle theoretical physics, dark matter, cosmic rays

#### Description of the Host Research Lab

The scientific activity at LPTHE is centered on the unifying principle of Quantum Field Theory, both in its most theoretical aspects and in its applications.

To submit your application, please send an email with the required documents to  
[msca-pf@sorbonne-universite.fr](mailto:msca-pf@sorbonne-universite.fr)