

Postdoctoral position on Astroparticle & Cosmology.

Deadline on Dec 10, 2020

Job description: A 2yr CNRS/ANR postdoc position is open at the LAPTh, Annecy, France, starting in Fall 2021 (earlier/later start possible). Application and selection will be carried out starting in December 2020, until the position is filled. We accept applications until the position is filled, but **priority will be given to applications received by 10 Dec**

The fellowship is designed for young researchers, just finishing their PhD or with no more than 2 years of postdoctoral experience at the start of the contract.

We expect the successful candidate to work on theoretical predictions for compact object populations, to model the formation and evolution of different classes of high-energy emitters, and to characterise gravitational waves and, more generally, multi-wavelength signals.

Know-how in population synthesis codes and knowledge of the theory of compact object formation and evolution is recommended.

Broader profiles in astroparticle physics and dark matter indirect detection will be also considered.

Strong motivation to work at the frontier of different fields will be particularly appreciated (galactic or gravitational dynamics, particle astrophysics/cosmology, dark matter indirect searches and phenomenology).

The candidate will be hosted by the Astroparticle & Cosmology team of the LAPTh.

Net salary is fixed by French law and depends on experience. It includes social insurance and up to ~35 days of vacation.

Travel and research funding is guaranteed by an ANR starting grant (PI: F. Calore).

Application

: The application file should include the following documents: 1) CV with publication list; 2) Motivation letter describing her/his research programme (up to 3 pages), everything in one single PDF.

A maximum of 3 letters of recommendation should be sent directly by the candidate's referees.

Application file and letters of recommendation should be addressed to Francesca Calore at postdoc_geco@laph.cnrs.fr

Email header for application file: "

Application file of applicant's name, applicant's first name

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Email header for letters: "

Letter for applicant's name, applicant's first name

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An official application procedure through the CNRS employment portal will open soon. We will guide all the interested candidates through it in due time.

Contact:

- [Calore, Francesca postdoc_geco@laph.cnrs.fr](mailto:Calore,Francesca_postdoc_geco@laph.cnrs.fr)

Letters of Reference should be sent to:

- postdoc_geco@laph.cnrs.fr