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Call for applications for postdoctoral fellowships PSL in astrophysics at Paris Observatory

Conseil scientifique

Affaire suivie par
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Recherche

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Applications are solicited for up to three PSL post-doctoral fellowships in astrophysics at Paris Observatory. The positions are funded for one year, renewable for a second year on the basis of satisfactory performance.

PSL is a new university, comprising nine research and higher education member institutions, in the fields of sciences, humanities and arts, such as the Paris École Normale Supérieure, Paris-Dauphine University, Paris Observatory, and involving as well ten associate institutions.

Paris Observatory is one of the largest astronomical centres in the world with 650 permanent staff out of a total of 1000 employees, and 840 publications per year. It represents one third of French astronomy with teams covering a wide range of fields and participating in the largest instrumental, theoretical/numerical and experimental projects of modern astronomy. Research teams are located on three main sites, amongst which two are in the Paris area (Paris and Meudon). The third one is the Nançay astronomical radio observatory.

Paris Observatory is part of a rich astronomical environment in the Paris area comprising about 600 scientists involved in a common PSL program *Astrophysics and Conditions for the Emergence of Life* coordinated by Paris Observatory.

Successful applicants will be expected to conduct research related to the priorities of the Paris Observatory laboratories and of the Virtual Observatory Paris Astronomical Data Centre, and to the themes and programs highlighted by the Paris Observatory Scientific Council for the 2019 – 2023 period:

- Solar physics and heliosphere
- Solar system
- Exoplanets and conditions for life
- Stellar physics
- The Galaxy
- Cosmology, galaxy formation and evolution
- Interstellar medium
- High-energy astrophysics, compact objects, Active Galactic Nuclei
- Fundamental physics and gravitational waves
- High performance computing in astrophysics
- Laboratory physics and astrophysics.

Fellowships are open to applicants from any nationality. Only research plans developed in coordination with a team from Paris Observatory will be eligible.

The gross monthly salary for a full-time position amounts to roughly 2,900 €, health insurance included.

How to apply?

Please send us:

- A CV (including date of birth);
- A two-year research program including a plan for the first year – limited to a maximum of 4 pages;
- A complete list of publications and a separate list of first-author publications;
- The PhD certificate or, if not yet earned, the date of defence;
- A support letter from the Paris Observatory hosting team.

The application must consist of a single pdf file with maximal size of 2 Mbytes.

At least one and up to two letters of reference must be sent directly by scientists outside the Paris Observatory.

All documents must be written in English.

Applications have to be submitted to vp.cs@observatoiredeparis.psl.eu

Deadline: November 9, 2020.

The final selection is expected to be announced at the end of December 2020.

Fellowships will normally start between September and December 2021.

Mathieu Puech



Vice-president of the Scientific Council