

Paris, November 30<sup>th</sup>, 2017

## 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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Formation

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Culture scientifique

Applications are solicited for up to four 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. Fellowships will normally start between September and December 2018.

PSL is a research university founded in 2010. It is a federation of 24 members, including 18 prestigious higher education institutes in humanities, arts and sciences, such as the Paris École Normale Supérieure, Collège de France and Paris Observatory. Paris Observatory is one of the largest astronomical centers in the world with 650 permanent staff out of a total of 1000 personnel, and 840 publications per year. It comprises 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. Teams are mostly resident on three sites, two in the Paris area (in Paris and Meudon), with the third being the Nançay astronomical radio observatory. It is part of a rich astronomical environment in the Paris area comprising about 600 scientists involved in a common program *Astrophysics and Conditions for the Emergence of Life* coordinated by Paris Observatory.

Successful applicants are expected to conduct research related to the priorities of the Paris Observatory laboratories, of the Virtual Observatory Paris Astronomical Data Center, 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 of any nationality. Only research plans developed in coordination with a team from Paris Observatory will be eligible.

Applicants should provide:

- 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 defense;
- A reference letter from a scientist outside the Paris Observatory;
- A support letter from the hosting team;
- An approval letter by the director of the hosting laboratory.

All documents must be drawn up in English.

Successful candidates will benefit of full health insurance. In addition, financial support will be provided to cover some of the research expenses.

Applications must be submitted electronically before January 15<sup>th</sup>, 2018 to [vp.cs@obspm.fr](mailto:vp.cs@obspm.fr). The application must consist of a single pdf file whose size may not exceed 2 Mbytes.

A ranking will be published by the Scientific Council in February 2018. The final selection will be announced in the first days of April 2018.

Didier Tiphène



Vice-president of the Scientific Council