

Call for applications for a NOEMA post-doctoral fellowship at Paris Observatory

Post Date: May 7, 2015

Application Deadline: June 4, 2015

Job Category: Post-doctoral Positions and Fellowships

Institution/Company Name: Paris Observatory

Institution Classification/Type: Research Laboratory

Attention To: Guy PERRIN

Title: Vice-president of the Scientific Council

Organization: Paris Observatory

Street Address: 61 avenue de l'Observatoire

City: Paris

Zip/Postal Code: 75014

Country: France

Email: secretariat.cs@obspm.fr

Email Address for Inquiries: vp.cs@obspm.fr

Related URLs:

[website of Paris Observatory](#)

[website of NOEMA](#)

[website of LERMA](#)

Job Announcement Text:

Paris Observatory solicits applications for one post-doctoral fellowship aimed at helping the French community to benefit from the arrival of the Northern

Extended Millimeter Array (NOEMA).

Operated by the Institut de Radioastronomie Millimétrique (IRAM) in Grenoble, NOEMA is the most powerful millimeter radiotelescope of the Northern Hemisphere and one of the most advanced facilities existing today for radio astronomy. Located in the French Alps on the wide and isolated Plateau de Bure, at an elevation of 2550 meters, the telescope currently consists of seven antennas, each 15 meters in diameter. During the next years, construction of the array will continue and five additional antennas will be added, approximately one per year.

Paris Observatory is one of the largest astronomical centers in the world with 600 permanent staff out of a total of 1000 personnel, and 800 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. It is part of a rich astronomical environment in the Paris area, comprising about 600 scientists.

The post-doctoral fellow will be appointed for 2 years, starting on September 1, 2015. The exact date is negotiable, however, the appointment is expected to end on August 31, 2017, regardless of the starting date. The salary is function of the experience, and in any case above 2,100€ monthly gross salary, subject to French taxes. Approximately 50% of the time will be available for the applicant's personal astronomical research. Collaborative projects with the LERMA and IRAM scientists, focusing on the exploitation of NOEMA, are strongly encouraged. The remaining 50% of the time will be devoted to community tasks toward the operation and scientific exploitation of NOEMA. This service will be carried out in close coordination with IRAM. A list of potential specific service tasks is available at <http://www.iram.fr/~neri/noema-fellowship.pdf>. The post-doctoral fellow is expected to spend approximately 75% of the time in Paris at LERMA, one of the seven laboratories of Paris Observatory, and 25% in Grenoble/Plateau de

Bure.

Fellowships are open to applicants of any nationality. Applications must include:

- A CV (1 page maximum);
- A research program including a detailed plan for the first year (4 pages maximum);
- A description of how the applicant's skills and experience can be directed toward community tasks for the benefit of French users of NOEMA;
- 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 Paris Observatory;
- A support letter from the hosting scientist at LERMA.

Applications must be submitted electronically by **June 4, 2015** to the chair of the selection committee, Guy Perrin (secretariat.cs@obspm.fr). The application must consist of a single PDF file, not to exceed 2 Mbytes. A ranking will be published by the Scientific Council of Paris Observatory by **July 3, 2015**.