



## Postdoctoral Research Position

### Spectroscopic Follow-up of CoRoT transiting planetary candidates

The Institut d'Astrophysique of Paris (IAP) and the Haute Provence Observatory (OHP) have an immediate opening for a two-years postdoctoral research associate to participate to the CoRoT exoplanets search program and more specifically to the spectroscopic follow-up of CoRoT transiting planetary candidates using the SOPHIE high-precision spectrograph based on the 1.93-m OHP telescope.

The candidate will contribute to the upgrade and the optimization of the SOPHIE spectrograph and SOPHIE data reduction pipeline. S/He will participate in the scientific exploitation (observations and data analysis) of the large program of spectroscopic and radial velocity follow-up conducted with SOPHIE on the CoRoT transiting planetary candidates. S/He will also participate to the development and commissioning of a 50-cm robotic telescope for the photometric and low-resolution spectroscopic follow-up of CoRoT candidates.

The postdoctoral duration is two year starting as early as January 2012. The gross yearly salary will be in the range 28-30 keuros.

The candidate should have a PhD thesis on astrophysics. Preference will be given to applicants who have a background in instrumentation, data reduction and observational astronomy as well as experience in exoplanets and spectral classification.

Applications are requested before 31 October 2011 and should include a Curriculum Vitae, a statement of research interests, a list of publications and letters of references.

### CONTACTS

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