



## JOB OPPORTUNITY

Title of the job : 2 Post-doctoral positions (3 years) CEA Saclay, Service d'Astrophysique.

The Service d'Astrophysique (SAp) at CEA Saclay invites applications for two postdoctoral appointments in the area of Cosmology to work with Jean-Luc Starck and Alexandre Refregier.

The CEA Saclay is a government research center situated 40 minutes from central Paris, France. The SAp has a wide interest in astrophysics ranging from planets to cosmology, with a specialisation in space missions (eg. Euclid, XMM-Newton, Herschel, PLANCK, JWST, Integral etc) and instrumentation (eg. Megacam on the Canada-France-Hawaii Telescope).

The first position is to work on weak lensing (3D analysis, non-Gaussianity, etc) and the second is to work on the Cosmic Microwave Background and the Planck satellite data analysis (CMB lensing, non-Gaussianity, component separation, etc).

Candidates should have a PhD in Physics or Astronomy. Previous experience in cosmology and the development of data analysis methods is preferred, but experience in related areas is also suitable.

These positions, funded for at least 3 years (up to 5 years), will be renewed on a yearly basis depending on scientific progress and achievement. The gross minimum salary will be 34,000€ annually (~2,260€ net per month), and will be adjusted according to experience and family situation. A minimum of 5,000 € per year of travel money for each position will also be provided, in addition to the usual funding support of any French institution (medical insurance, etc).

Applicants are requested to send a CV, a list of publications, and a brief statement of research interests. This material together with three letters of reference should be sent by the closing date to

Jean-Luc Starck  
Laboratoire Astrophysique des Interactions Multi-échelles  
Irfu, Service d'Astrophysique, CEA Saclay,  
F-91191 GIF-Sur-YVETTE CEDEX, France.  
Email: jstarck@cea

The closing date for receipt of applications : January 31, 2009