

Postdoctoral Research Position in Star Formation in Saclay

In the context of **PROBES**, a recently funded research program by the French National Research Agency (ANR), we open three post-doctoral positions in French institutes which are involved in the *Herschel* key programs dedicated to high-mass star formation (see <http://www.obs.u-bordeaux1.fr/radio/SBontemps/probes/>).

Applications are here invited for one postdoctoral position in the Star Formation Group of the “Service d’Astrophysique” (SAp/AIM) at CEA Saclay, France. The SAp/AIM is a major space astrophysics laboratory located 20 km south-west of Paris. It has recently been involved in the development of the two far-infrared imaging instruments (PACS and SPIRE) on the *Herschel* Space Observatory to be launched by ESA in April 2009. The star formation group has a long experience in **infrared and (sub)millimeter astronomy** dedicated to the earliest phases of star formation including the census of (high-mass) star-formation sites, the origin of the stellar IMF, the characterization and evolution of protostellar objects. It is leading the *Herschel* guaranteed time key programs **HOBYS** and **Gould-Belt** and participates into the Galactic plane surveys **AtlasGal** (870 microns with APEX) and **Hi-GAL** (60-600 microns with *Herschel*). The applicant will exploit the above large programs dedicated to high-mass star formation.

The position is available for an initial period of two years. Applicants should have a PhD degree and a strong background in star formation and/or molecular cloud structure. Experience in large-scale surveys, spatial missions and/or (sub)millimeter observations will be an asset.

Applications should include a CV, a list of publications, and a statement of research interests. The applicant should also arrange for three letters of reference to be sent independently. Applications and inquiries should be directed to Frédérique Motte by February 15, 2009.

SAp/AIM CEA-Saclay group: F. Motte, N. Schneider, Ph. André, V. Minier, A. Men’shchikov, V. Könyves, T. Csengeri, A. Maury, Q. Nguyen.

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Deadline : February 15, 2009 or until filled.