



Postdoctoral Researcher Position in Millimeter Astronomy at the IRAM/30m telescope

Institut de Radio Astronomie Millimétrique (IRAM)
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Posting date: August 10, 2015 – Closing date: September 30, 2015

IRAM is an international research organization for millimeter and submillimeter astronomy supported by the CNRS (France), the Max-Planck Gesellschaft (Germany), and the IGN (Spain). IRAM operates two world-class research facilities, a 30-meter single-dish telescope in Spain near Granada and the NOEMA interferometer of currently seven 15-meter antennas in the French Alps near Grenoble. The scientific capabilities of the interferometer are currently strongly enhanced by the construction of new antennas and installation of new receivers. The 30m capabilities will be strongly enhanced in the very near future, with the installation of the large field-of-view continuum camera NIKA2.

IRAM/Granada is seeking an astronomer with a recent PhD in millimeter astronomy and with experience with continuum cameras or heterodyne frontends and knowledge of calibrating and reducing observational data. The successful candidate will become the new pool manager of continuum observations using NIKA2. During the first year, he/she will participate also in the testing, commissioning, and the science verification of NIKA2. Eventually, the new PostDoc will guide observers at the telescope and manage pooled observations. Knowledge of a programming language like python is a strong asset. He/she will typically spend about 12 weeks per year at the observatory. The successful candidate is expected to invest 50% of her/his time on astronomical research, in collaboration with astronomers within and outside IRAM. Research using the 30m and NOEMA will be encouraged and supported.

Candidates must have completed the PhD prior to beginning the position. Review of applications will begin in October 2015 with an anticipated start date of January 1, 2016. However, the position will remain open until filled. The appointment is initially for two years with the possibility of an extension by one year. Applications should be sent to the IRAM personnel department, jobs-scsu@iram.fr, and should include a cover letter indicating motivation and qualifications, a curriculum vitae with a list of publications, and a short research statement. Applicants should arrange for three letters of reference to be sent to the personnel department. Inquiries should be addressed to the station manager Carsten Kramer, kramer@iram.es.