



## Senior Staff Astronomer at the IRAM 30-meter telescope

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*Posting date: September, 5, 2017 – Closing date: October, 31, 2017*

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 the Spanish Sierra Nevada and the mm/submm interferometer NOEMA in the French Alps. The scientific capabilities of the 30-meter telescope are continuously enhanced with state-of-the-art technology such as for EMIR, the multi-wavelength heterodyne frontend, and with the recent commissioning of the new large field-of-view continuum 1mm/2mm camera NIKA2. IRAM is also preparing for new multi-beam heterodyne-arrays for the 30-meter telescope.

IRAM is seeking a senior staff astronomer at IRAM/Granada and the 30-meter telescope. The candidate must have a PhD and a solid experience in observational millimeter/ submillimeter/far-infrared astronomy. With recent and planned upgrades of the instrumentation of the 30m telescope, the control system of the telescope, i.e. the software controlling its various components, needs to be adapted and enhanced. Thorough and proven programming experience is a requirement for this position. Knowledge of Fortran 90 is an asset. The astronomer shall support this work in the framework of the Science Operations Group in Granada and in close collaboration with the GILDAS software development team in Granada and Grenoble. In addition, the successful candidate shall support science operation at the telescope by providing assistance to visiting astronomers. He/she will typically spend about one week every six weeks at the observatory. This support work shall in total account for 50% of the working time. During the remaining 50% of the time, the candidate is expected to actively pursue his/her astronomical research.

Review of applications will begin in November 2017 and the search will continue until the position is filled. The appointment is initially for three years with the possibility of extension. Applications should be sent as one pdf file to the IRAM personnel department, [jobs-scsu@iram.fr](mailto: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](mailto:kramer@iram.es).