

IRAM — Postdoctoral Research Position in Millimeter Astronomy for NOEMA

Institut de Radio Astronomie Millimétrique

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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). The organization operates two world-class research facilities, the IRAM 30-meter telescope in Spain, and NOEMA, the largest millimeter interferometer of the northern hemisphere in the French Alps. By the end of 2020, NOEMA will have twelve antennas and offer ten times the sensitivity and twice the spatial resolution of the former Plateau de Bure interferometer. The institute also houses one of the nodes of the European ALMA science support center.

IRAM is seeking a qualified candidate for a position in the NOEMA Science Operations Group (SOG). The successful candidate is expected to invest 50% of the time on an astronomical research program, in collaboration with astronomers within and outside IRAM, and 50% to contribute to the overall SOG mission. The ideal candidate will take part in a range of activities to support the integration and science verification of NOEMA subsystems, provide assistance to the scientific operation of NOEMA as an astronomer on duty, support the broader user community in the preparation of proposals and observations, and provide technical expertise to visiting astronomers in the analysis and interpretation of data obtained with the NOEMA interferometer. Depending on experience and skills, the successful candidate may also take part in software developments aimed at extending NOEMA's capabilities.

The current position offers the opportunity for astronomers to work with world-class research facilities and pursue their career in a very dynamic and competitive field of research. IRAM's research programs cover a wide range of subjects from ISM chemistry, planetary science, young stellar objects, late stage stellar evolution, to extragalactic research at low and high redshift.

We are seeking qualified candidates with a PhD (or close to completion), preferably with a demonstrated observational experience and a strong interest in (sub)millimeter wave interferometry. Good English communication skills and a strong sense of team spirit are essential attributes. Aptitude and interest in developing software applications and working experience in an international research environment are an asset. Applicants must possess a driver's license.

Interested candidates should send their curriculum vitae, bibliography, a brief statement of research interests, an outline of future plans, and arrange for three letters of reference. Applications received before September 03, 2018 will be given full consideration, but will continue to be accepted until the position is filled. The appointments are for two years with the possibility of extension, and could start as early as possible. Applications and reference letters are to be submitted by email to the IRAM personnel department (jobs-scsu@iram.fr). Questions should be directed to the Head of the Astronomy and Science Support Group (neri@iram.fr).