

	<p>Vacancy</p> <p>Ref. VN 2009 / 04 FR</p>
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IRAM – Postdoctoral Researcher Position in Millimeter Astronomy

Institut de Radio Astronomie Millimétrique
300 rue de la Piscine
F – 38406 St-Martin d'Hères

Email submission: indigo@iram.fr -
Mrs. Brigitte Indigo, Personnel Department

Email inquires: neri@iram.fr -
Dr. Roberto Neri, Head of Astronomy

Posting date: May 15, 2009 – Closing date: August 15, 2009

Applications are invited for an astronomer position at IRAM headquarters (Grenoble). IRAM operates two of the largest and technologically most advanced (sub)millimeter facilities in the world: an interferometer of six 15-meter antennas located at Plateau de Bure in the Alps near Gap (France), and a 30-meter single-dish telescope located in the Sierra Nevada near Granada (Spain).

To pave the road for future upgrades of the Plateau de Bure interferometer and to prepare for the arrival of ALMA¹, IRAM is committing substantial resources to disseminate and facilitate knowledge transfer in (sub)millimeter wave interferometry and provide research training opportunities to young scientists. The current position offers the opportunity for astronomers to work with world-class research facilities, pursue their career in a very dynamic and competitive field of research, and to foster collaborations in an

¹ The ALMA (Atacama Large Millimeter Array) is the world's most advanced radio astronomy observatory under construction in the Chilean Andes. The European ALMA activities are managed by ESO, the European Southern Observatory. (<http://www.eso.org>)

international environment of top scientific research. Our research program covers 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.

The successful candidate is expected to invest 50% of her/his time to further own astronomical research objectives in collaboration with astronomers within and outside IRAM, and 50% to participate in the scientific operation of the Plateau de Bure interferometer, provide technical expertise in the analysis and interpretation of data to visiting astronomers, and take part in software activities related to the development of the IRAM node of the European ALMA regional center.

We are seeking candidates with a PhD in astronomy, preferably with a demonstrated observational experience or a strong interest in (sub)millimeter wave interferometry or related fields. Good English communication skills and a strong sense of team spirit are essential attributes. Experience in developing software applications and working in an international research environment are welcome.

Candidates interested in working in areas of frontline science and technology should send their curriculum vitae (in English), bibliography and statement of research interests, and arrange for letters of reference, no later than August 15, 2009. The appointment is initially for two years with the possibility of extension, and could start as early as possible.

Applications are to be submitted by email to the IRAM Director (cox@iram.fr) and to the IRAM personnel department (indigo@iram.fr).

Questions should be directed to the IRAM Head of Astronomy (neri@iram.fr, phone: +33-(0)476824982).