

The international research institute IRAM is a leader in the field of radio astronomy at millimetre wavelength. IRAM operates two observing stations: NOEMA, an interferometer on the Plateau de Bure in the French Alps and a 30m telescope atop the Pico Veleta mountain (Southern Spain). These observatories are among the most powerful radio telescopes in the world.

More information on the website: <http://www.iram-institute.org>

IRAM is seeking an operator for the NOEMA observatory on the Plateau de Bure (France)

Position

The successful candidate will be responsible for the set-up and the monitoring of the astronomical observations and to ensure the safety of the instrument. He/She will interact with the science teams who process the observed data and with the technical teams who ensure the maintenance of the installations.

Working conditions

- Working place: Plateau de Bure (Hautes Alpes, France) – NOEMA observatory.
- Fed and housed on site
- Work in an isolated place, at a height of 2550m, over 7 days shifts
- Independent work in a small team (6/7 people)
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Main tasks

- Use the dedicated software to set-up and run the interferometer
- Monitor the operation and carry out proper inspections
- Detect issues, take part to diagnosis and fixing
- Ensure the safety of the instrument according to the weather conditions
- Ensure the safety of the site

Other tasks

- Be part of the group activities (instrument tests, moving telescopes on their tracks,...)
- Receive public during visits of the observatory
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Required profile

- Associate's degree in Science or Applied Science or experience in similar position (scientific instrumentation,...)
- Driving licence (B category)
- IT: basics of programming (e.g., fortran, C, python, matlab,...), comfortable with command line interface
- Good communication skills
- Languages:
- Intermediate level of French (CEFR B1)
- Elementary level of English (CEFR A2)

The position is open as of 1st of January 2019

Applications (resume and cover letter) are to be submitted to <mailto:rh@iram.fr>