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## Support Astronomer

### Submission Information

**Publish Date:** Monday, January 14, 2019  
**Archive Date:** Monday, February 18, 2019  
To event remaining 31 days

### Job Summary

**Job Category:** Scientific/Technical Staff  
**Institution Classification/Type:** Large Academic  
**Institution/Company:**  
Universidad Nacional Autonoma de Mexico, RFC: UNA2907227Y5  
**Department Name:** Instituto de Astronomia  
**Street Line 1:** Km. 107 Carretera Tijuana-Ensenada  
**City:** Ensenada  
**State/Province:** Baja California  
**Zip/Postal:** 22860  
**Country:** Mexico

## Announcement

### Job Announcement Text:

The Instituto de Astronomía, Universidad Nacional Autónoma de México (IA-UNAM) is seeking a Support Astronomer (with a Technician Position) to strengthen the operations of our Observational Support team at the National Observatory of Mexico in San Pedro Martir. The Observatory manages a 2.1m telescope, a 1.5 m telescope, and several < 1m class robotic telescopes. The observatory facilities are located 4hours by car to the city of Ensenada, in Baja California, Mexico.

The Support Astronomer will work with a team of scientists and technicians to maintain and support operation of the facilities and instruments in the Observatory at San Pedro Martir. The Support Astronomer will participate in: 1) Night time operation of telescopes during scheduled engineering periods. 2) Helping and advising Observatory users to maximize the scientific output of their observing campaigns. 3) Carry on Astrophysical research, in agreement with his/her supervisors. 4) Contribute to the maintenance, development, and testing of new instruments or observing procedures. 5) Participate in the scheduling of robotic telescopes. Other activities include the improvement of instrument documentation and data reduction pipelines, maintenance of the Observatory web page, and characterization of the Site.

The successful candidate will spend at least 10 nights per month on site at the Observatory with the remainder of his/her time working at the Instituto de Astronomía at Ensenada, Baja California, under the supervision of the head of the San Pedro Martir Observatory.

### Requirements:

- 1) A PhD. degree in Astrophysics.
- 2) Experience in operation of astronomical telescopes.
- 3) Experience in the installation, calibration, and operation of astronomical instrumentation.
- 4) 85% command of English.
- 5) Experience in the elaboration of technical documentation, such as technical reports, manuals, and scientific articles.
- 6) Knowledge of the tools of reduction and analysis of astronomic data.
- 7) Ability to communicate and cooperate in a team environment, during full night periods, and under pressuring conditions,

It is desirable that the applicant has knowledge of Spanish, expertise in high level programming including Python and experience in Observational Astronomy.

### APPLICATION PROCEDURE

Before applying, candidates should ensure that they meet the minimum requirements - any application not meeting these requirements is automatically rejected.

Applicants should send by e-mail:

- a) Curriculum Vitae including a full list of publications
- b) Two letters of recommendation
- c) A letter addressed to Dr. Mauricio Reyes, Head of the Observatorio Astronomico Nacional SPM, explaining in detail previous experience and willingness to work at the Instituto de Astronomía, fulfilling in a satisfactory way all the tasks proper to the job.

All paperwork should be e-mailed to [jesus@astro.unam.mx](mailto:jesus@astro.unam.mx).

A full description of the Instituto de Astronomía can be found at the web page [www.astroscu.unam.mx](http://www.astroscu.unam.mx) in Mexico City, and <http://www.astrosen.unam.mx/> in Ensenada, Baja California. If the application is selected by the IA's internal council, the applicant will be required to submit electronically a copy of their birth certificate and PhD certificate.

**Application Deadline:** Monday, February 18, 2019

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**Attention To:** Dr. Jose de Jesus Gonzalez  
**Title:** Director  
**Institution/Company:** Universidad Nacional Autonoma de Mexico  
**Department Name:** Instituto de Astronomía  
**Street Line 1:** Circuito de la Investigación Científica s/n  
**City:** Mexico City  
**State/Province:** Mexico City  
**Zip/Postal Code:** 04510  
**Country:** Mexico  
**Phone:** +52 55 56223906  
**Email:** [jesus@astro.unam.mx](mailto:jesus@astro.unam.mx)

[Inquiries About Job](#)

**Attention To:** Dr. Yair Krongold  
**Subject:** Academic Secretary, IAUNAM  
**Email:** [yair@astro.unam.mx](mailto:yair@astro.unam.mx)

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