

INSTITUTO NACIONAL DE ASTROFÍSICA, ÓPTICA Y ELECTRÓNICA  
DEPARTMENT OF ASTROPHYSICS

Postdoctoral Research Assistant

(1 appointment, fixed-term)

Mx\$ ~240000-280000 per annum (USD ~20000-23000), tax free

The Department of Astrophysics at Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE, [www.inaoep.mx](http://www.inaoep.mx)) invites applications for a postdoctoral research assistant position in the area of millimeter astronomy, with emphasis on galaxy formation and evolution, to be conducted within the CONACyT project led by Dr. Itziar Aretxaga on the physical properties of maximal starbursts in galaxies and quasars.

INAOE is the leading Mexican partner in the operation of the Large Millimeter Telescope (LMT, [www.lmtgtm.org](http://www.lmtgtm.org)), now in scientific operation. A large fraction of the research undertaken by the assistant is expected to be based on data acquired with this facility. Other INAOE facilities in astronomy include a participation in the 10.4m Gran Telescopio Canarias in Spain, an optical 2.12m reflector at the Observatorio Astrofísico Guillermo Haro in Sonora, Mexico, substantial computing resources and a research library. INAOE staff also have access to the optical telescopes at the Observatorio Astronómico Nacional at San Pedro Mártir.

The appointment is for 1 year commencing between September and December 2013, renewable to 1 extra year contingent on performance, and is based at INAOE, Tonantzintla, Pue., Mexico.

The successful candidate should have a PhD awarded within the previous 3 years in a relevant area of astronomy or astrophysics, and should have a demonstrated capacity for independent work.

Applications must be written in English, and be emailed as PDF files to [astrofi@inaoep.mx](mailto:astrofi@inaoep.mx) before June 15th, and include:

- Cover letter addressed to Dr. Itziar Aretxaga
- Curriculum vitae, including current address, nationality, age, and date of PhD
- Description (max. 10 pages) of current and proposed research
- Complete publication list, with a maximum of 5 papers particularly relevant to the application highlighted
- Full contact details of 3 professional references, and arrange for letters to be sent to the same address before the deadline.