



Faculty position at Instituto Nacional de Astrofísica, Óptica y Electrónica

Deadline: 1st October, 2013

The Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE, www.inaoep.mx) is seeking candidates to fill a research position in Astrophysics, starting on 2014. While outstanding candidates from all areas of research will be considered, we are especially interested in those who will develop a strong independent research programme on millimeter wavelength and/or high-energy astrophysics.

Mexican candidates interested in applying to the Conacyt program for "Retenciones and Repatriaciones" along 2014 are encouraged to send a regular application in reply to this announcement and state their interest to the Conacyt program for 2014: <http://www.conacyt.gob.mx/FormacionCapitalHumano/RetencionesyRepatriaciones/Paginas/default.aspx>

INAOE is the leading Mexican partner in the operation of the Large Millimeter Telescope (LMT, www.lmtgtm.org), and a partner of the High-Altitude Water Cherenkov Experiment (HAWC, <http://hawc.umd.edu/>) and the Large Aperture Gamma-ray-burst Observatory (LAGO, <http://particulas.cnea.gov.ar/experiments/lago>). Other INAOE facilities in astronomy include a participation in the 10.4m Gran Telescopio Canarias in Spain, a 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 telescopes at the Observatorio Astronómico Nacional at San Pedro Martir.

Applications must be written in English, and be emailed as PDF files to astrofi@inaoep.mx before October 1st, and include:

- Cover letter addressed to Dr. Itziar Aretxaga, head of the Department of Astrophysics
- Curriculum vitae

- Description (max. 10 pages) of current and proposed research including its relation to other research at INAOE
- Full contact details of 3 professional references, and arrange for letters to be sent to the same address before the deadline.
- Complete publication list, with max. 5 papers particularly relevant to the application highlighted.

Informal enquiries regarding research projects related to the LMT can be made to Dr. David Hughes (dhughes@inaoep.mx) and HAWC and LAGO to Dr. Alberto Carraminana (alberto@inaoep.mx).

The main tasks of the faculty at INAOE are to undertake full-time research with a large self-directed component and to participate in graduate training and advising of Ph.D. students (in English or Spanish). Tenure-track positions are based at the INAOE in Tonantzintla, 125 km East of Mexico City and 12 km west of the city of Puebla.

In accordance with internal rules, candidates will be evaluated at the end of the first and third year, and a tenured faculty-position can be considered at the end of the sixth year. The initial appointment can be made at the US-equivalent of Assistant or Associate Professor. Candidates are expected to have developed independent research for at least 3 years after finishing their PhDs.

Salary will be commensurate to qualifications.