



**National Institute for Astrophysics,
Optics and Electronics (INAOE)**

Tonantzintla, Puebla, Mexico

<http://astro.inaoep.mx/>

The Department of Astrophysics at INAOE in Puebla, Mexico, invites applications from outstanding students for the following programs:

- **Summer Internship at INAOE for 2 months (June-August)**
- **Postgraduate studies in astrophysics, leading to a Master's or a Doctorate degree.**

INAOE is one of the frontier centers for research in astrophysics in Mexico with an active postgraduate program. INAOE is currently involved in building large observational infrastructures such as the Large Millimeter Telescope (LMT), High-Altitude Water Cherenkov Experiment (HAWC) and the Large Aperture Gamma-ray-burst, Observatory (LAGO). Other INAOE facilities in astronomy include a participation in the 10.4-m Gran Telescopio Canarias in Spain, a 2.12-m reflector at the Astrophysical Observatory Guillermo Haro in Sonora, Mexico, substantial computing resources and a research library. INAOE staff also have access to the telescopes at the National Astronomical Observatory at San Pedro Martir. Please enter the link <http://astro.inaoep.mx/observatorios/> for more details on these facilities.

Eligibility conditions:

- For summer internship, students who are in their final year of a Bachelor's degree in Physics,
- For the Master's program, students holding their Bachelor's degree in Physics before June 30th,
- For the Ph.D. program, students holding their Master's degree in Astrophysics before June 30th.

Applications (in English or Spanish) should be sent by email as PDF files before **May 20th** to the address at the bottom, and should include:

- 1. a cover letter** (addressed to Dr. Itziar Aretxaga, head of the Department of Astrophysics),
- 2. curriculum vitae,**
- 3. two letters of recommendation** (to be sent directly to to the address below).

The cover letter should summarize the status of the candidate's studies, and express his/her interest in the astrophysics research carried out at INAOE. Information about INAOE staff members and their topics of research is available at <http://astro.inaoep.mx/>

The selected candidates should be eligible for a telephonic interview in the first week of June.

Students selected for a summer internship will be given a scholarship to cover their local expenses. They are expected to join INAOE around the 25th of June. All students in the postgraduate program at INAOE receive a scholarship from the Mexican National Council for Science and Technology (CONACyT). M.Sc and Ph.D. scholarships span 2 and 4 years, respectively. The selected students are expected to join INAOE before August 10th.

Basic knowledge of Spanish is desirable, especially for those aspiring to enter the Master's program.

Contact address:

Dr. Divakara Mayya (ydm@inaoep.mx)

Head of Astrophysics postgraduate program at INAOE