

Instituto Nacional de Astrofísica, Óptica y Electrónica (Puebla, Mexico)
Postdoctoral Research Assistant in AGN outflows
Net salary MXN\$~260000 per year

A postdoctoral research contract is available within the Astrophysics Group at INAOE (Tonantzintla, Puebla, <https://www.inaoep.mx/>) to work with Dr. Anna Lia Longinotti in the field of Active Galaxies with primary focus on observational properties of multi-wavelength outflows and their role in AGN feedback and galaxy evolution. The successful applicant will focus his/her research on the connection of multi-phase outflows in AGN but will also be free to pursue independent research and collaborations.

Applicants with a strong background in AGN Astrophysics and experience in one or more of the following fields are encouraged to apply: X-ray spectroscopy, millimeter astronomy, IFU spectroscopy, radio and VLBA techniques. Experience in X-ray data is a bonus but not necessarily required.

Funding can cover up to 2 years depending on performance, applications are welcome until January 31 2019 with starting date as early as February 2019 (fully negotiable). Prospective candidates are welcome to contact Dr. A.L. Longinotti at annalia@inaoep.mx for additional information.

Applications shall be written in English and e-mailed to the same address, including:

- Cover letter
- CV including current address, date of Ph.D, age and nationality
- Statement of research interests (5 pages) and complete publication list
- Three letters of references arranged to be sent via email to Dr. A.L. Longinotti

The current staff of the INAOE Astrophysical Department consist of 34 full-time researchers, 7 CONACyT researchers, 3 postdoc researchers, and more than 50 Masters and Ph.D. students <https://www.inaoep.mx/>

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 10.4m Gran Telescopio Canarias in Spain (<http://www.gtc.iac.es>). INAOE staff also have access to the telescopes at the Observatorio Astronómico Nacional at San Pedro Martir (OANSPM). A 6.5m telescope, which will be installed in SPM is in the design phase. It will be complemented by the similar MMT in Mt Hopkins, Arizona (<https://www.mmt.org>), as a binational observatory.