

Alex Researcher

Research · Teaching · Leadership

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Current role

Senior Research Scientist

Field

Computational Astrophysics

Location

Mexico / International collaborations

Research Focus

Time-domain astrophysics · AGN reverberation mapping · machine learning · scientific software.

Experience

Senior Research Scientist

2025–present

Institute Name

Lead coordinated observing programs and develop reproducible analysis pipelines.

Postdoctoral Researcher

2022–2025

University Name

Developed multiwavelength variability analyses and mentored graduate students.

Selected Impact

- 30+ peer-reviewed publications; lead author on high-impact time-domain studies.
- PI/co-I on telescope proposals and international observing campaigns.
- Open-source scientific tools adopted by collaborators across institutions.

Teaching & Mentoring

Graduate supervision, statistical methods workshops, LaTeX and scientific writing training.

Professional Service

Journal referee · proposal reviewer · seminar organizer · outreach speaker.