

Dr. Itziar Aretxaga

Researcher

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• PERSONAL INFORMATION:

Citizenship : Spanish

Birthplace: Bilbao, Spain, 20th November, 1965

• EDUCATION:

Degree	University	Year
PhD, Physics	Autónoma de Madrid, Spain	1993
MSc, Physics	Autónoma de Madrid, Spain	1990
BSc, Physics	Complutense de Madrid, Spain	1988

• PROFESIONAL AFFILIATIONS:

- 1993–: **Spanish Astronomical Society.**
- 2000–: **Mexican National Researcher System** (current level II)
- 2003–: **Mexican Academy of Sciences**
- 2006–: **Internacional Astronomical Union**

• RESEARCH INTERESTS:

Astrophysics and Cosmology — galaxies in formation, active galactic nuclei, starbursts, supernovae.

• WORK EXPERIENCE:

- 2006–: *Coordinator*, Astronomy Section, Mexican Academy of Sciences
- 2002–: *Class-B Researcher* (~ Assoc. Prof.), INAOE, tenured since 2004.
- 1998–2002: *Class-A Researcher* (~ Assistant Prof.), INAOE, Mexico.
- 1996–1998: *Marie Curie Fellow*, Max-Planck Institut für Astrophysik, Germany.
- 1994–1996: *Marie Curie Fellow*, Royal Greenwich Obs., Cambridge, UK
- 1993–1994: *Basque Gov. Research Fellow*, Royal Greenwich Obs., UK
- 1992–1993: *Assisting Professor*, Theoretical Physics Dept., Univ. Autónoma de Madrid, Spain.

• **SELECTION OF RESEARCH ACTIVITIES:**

- 47 refereed papers in international journals, 11 invited review papers and 38 contributed papers in conference proceedings, 3 edited books
- more than 1300 citations, with a Hirsch index $H=23$.
- 21 review/invited talks in international conferences and workshops, more than 35 colloquia in other research institutes
- 4 funded research projects as PI, more than 10 as co-investigator.
- member of the following large-project scientific-teams: AzTEC (50-m LMT bolometer camera), CanariCam (IR camera for the 10m-GTC), 2m-BLAST, ATLAS (Herschel), SHADES (SCUBA).

• **SELECTION OF TEACHING ACTIVITIES:**

- 8 invited MSc/PhD lecture courses in International Astronomical Union schools or foreign universities (Spain, USA, Argentina, Venezuela)
- lecturer of 11 MSc/PhD courses at INAOE (since 1998) and 5 BSc courses as assisting professor at UAM-Spain (1989-1993).
- (co-)/supervisor of 3 PhD theses, 2 MSc theses and 3 BSc research visits, finished and ongoing
- director of the “28th International School for Young Astronomers” (INAOE, 2005) of the International Astronomical Union.

• **SELECTION OF OUTREACH ACTIVITIES:**

- coauthor (compiler, editor and translator) of the book “The Large Millimeter Telescope: Neighbors Explore the Cosmos’ (in English & Spanish)
- 8 science-popularization papers in printed media (in Spanish & Basque).
- More than 12 science-popularization talks (in Spanish & Basque).
- Frequent interviews to the national and international press.

• **SELECTION OF COMMITTEE WORK:**

- Member, review panels of the Time Allocation Committee (TAC) of the Hubble Space Telescope (1999, 2004–2006); member, Spanish TAC of the Canary Island telescopes (2005); (vice-)/chair, Mexican TAC of the 10-m GTC (2008-); member/chair, TAC of OAGH-INAOE (2005-2006)
- Author of the report ‘The state of Astronomy in Mexico’ (Mexican Academy of Sciences, 2008).
- Member, committee for funding of networks of basic science (Mexico, 2009).
- Chair, committee to select the “Best PhD Thesis in Astronomy” (Mexico, 2008).
- Frequent referee/jury of international research journals (MNRAS, ApJ, A&A), MSc/PhD theses, funding agencies (Mexico, Argentina, Canada), and TACs of international telescopes (Spain, UK, Germany).