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Researcher / Head of Department
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• **PERSONAL INFORMATION**

Citizenship : Spanish
Birthplace: Bilbao, Spain, 20th November, 1965
Gender: Female

• **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 Astronomy 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.

• **POSITIONS AND APPOINTMENTS**

- 2011-: *Head* of the Department of Astrophysics, INAOE, Mexico.
- 2007-: *Advisor* of the Teaching Astronomy for Development group, International Astronomical Union.
- 2006-: *Coordinator*, Astronomy Section, Mexican Academy of Sciences.
- 2002-: *Class-B Researcher* (\sim Assoc. Prof.), INAOE, Mexico, tenured since 2004.
- 1998-2002: *Class-A Researcher* (\sim Assistant Prof.), INAOE, Mexico.
- 1996-1998: *Marie Curie Fellow*, Max-Planck Institut für Astrophysik, Garching bei München, Germany.
- 1994-1996: *Marie Curie Fellow*, Royal Greenwich Obs., Cambridge, UK.
- 1993-1994: *Basque Gov. Research Fellow*, Royal Greenwich Obs., Cambridge, UK.
- 1992-1993: *Assisting Professor*, Theoretical Physics Dept., Univ. Autónoma de Madrid, Spain.

• SELECTION OF RESEARCH ACTIVITIES

- 59 refereed papers in international journals, 11 invited review papers and 41 contributed papers in conference proceedings, 3 edited books.
- > 2100 citations (drawn from NASA’s Astrophysics Data System), with a Hirsch index $H=27$.
- 25 review/invited talks in international conferences and workshops, more than 35 colloquia in other research institutes.
- 4 funded research projects as principal investigator, more than 10 as co-investigator.
- Co-investigator of the following large-project scientific-teams: AzTEC (50-m LMT bolometer camera), CanariCam (IR camera for the 10m-GTC), 2m-BLAST, H-ATLAS (Herschel), SHADES (SCUBA).

• SELECTION OF TEACHING ACTIVITIES

- 8 invited lecture courses in International Astronomical Union schools or foreign universities (Argentina, Spain, USA, Venezuela).
- Lecturer of 12 MSc/PhD courses at INAOE (since 1998) and 5 BSc courses as assisting professor at UAM-Spain (1989-1993), as member of staff.
- (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

- Co-author (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, 2011); member, Spanish TAC of the Canary Island telescopes (2005); co-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 basic science in Mathematics, Physics and Earth Sciences, groups and networks (CONACyT Mexico, 2009 & 2010).
- Chair, committee to select the “Best PhD Thesis in Astronomy” (Mexico, 2008).
- Frequent referee/jury for international research journals (MNRAS, ApJ, A&A), MSc/PhD theses, science funding agencies (Argentina, Canada, The Netherlands, Mexico), and time allocation committees of international telescopes (Germany, Spain, UK).