

Jaime E. FORERO-ROMERO

Born October 14, 1981. Bogotá, Colombia

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Bio

Dr. Jaime E. Forero-Romero is a theoretical astrophysicist living in Bogotá, Colombia. *Ancien élève* of the École Normale Supérieure in Paris, after obtaining his PhD in 2007 he spent four years in Berlin as a postdoctoral researcher in the Cosmology group at the Leibniz-Institute for Astrophysics in Potsdam. He was awarded the Gruber Fellowship in 2011 by the International Astronomical Union to spend one year in the Astronomy Department at the University of California in Berkeley. Since mid 2012 he is an Assistant Professor in the Physics Department at Universidad de los Andes in Bogotá.

Education

- PhD. Physics, Ecole Normale Supérieure de Lyon (France) 11/2007
- M.Sc.Physics (Magistre Interuniversitaire) Ecole Normale Supérieure (Paris, France), 08/2005
- Undergraduate Physics studies (3rd-4th years), Instituto Balseiro (Argentina), 08/2001 - 08/2003
- Undergraduate Physics studies (1st-2nd years), U. Nacional de Colombia, 07/1999 - 07/2001

Academic Positions

- Assistant Professor, Physics Department, Universidad de los Andes (Colombia), 8/2012-
- Gruber Fellow at the Astronomy Department UC Berkeley (USA), 10/2011-7/2012
- Postdoctoral Researcher at the Leibniz Institute for Astrophysics-Potsdam (AIP) (Germany), 10/2007-9/2011
- Graduate student at the Ecole Normale Supérieure de Lyon (France), 09/2006-09/2007
- Élève at the Ecole Normale Supérieure (Paris, France), 09/2003-08/2006
- Undergraduate fellow at the Instituto Balseiro (Bariloche, Argentina), 08/2001-08/2003

Honors and Awards

- 2011. IAU Peter and Patricia Gruber Foundation Fellowship
- 2006-2007. Graduate Research Fellowship (Allocation Couplée) of the French Ministry for Research and Education.
- 2003-2006. Scholarship at the Ecole Normale Supérieure (Paris), covers tuition fees plus room and board to pursue graduate studies and PhD research.
- 2001-2003. Undergraduate scholarship (covers tuition fees at the Instituto Balseiro plus room and board) from the Argentinian Atomic Energy Commission.
- 1999. Gold Medal in the National Chemistry Olympiad, Bogotá, Colombia (First Place, National Competition)

Teaching

- 2013-II. *Computational Physics*. Universidad de los Andes.
- 2013-II. *Physics II (Thermodynamics and Electromagnetism)*. Universidad de los Andes.
- 2013-I. *Computational Physics*. Universidad de los Andes.

- 2013-I. *Physics I (Newtonian Mechanics)*. Universidad de los Andes.
- 2012-II. *Physics I (Newtonian Mechanics)*. Universidad de los Andes.
- 2012-II. *Introduction to Physics (module on Astrophysics)*. Universidad de los Andes.
- *Lectures on Galaxy Evolution*, V Colombian Astrophysics Summer School, Observatorio Astronomico Nacional, Summer 2009
- *Introduction to Astrophysics (Teaching Assistant)*, Undergraduate Level Course at the University of Lyon I, Spring 2007.

Publication Statistics

14 Refereed journal articles in astrophysics since 2007. Total Number of Citations: 200. H-index: 9. (Source: ADS)

3 Manuscripts in reviewing process.

Selected Talks

Since 2006, different seminars at Max Planck Institute for Astrophysics, University of British Columbia, Marseille Observatory, Hebrew U. of Jerusalem, U. Nacional Autónoma de México, U. de Antioquia (Colombia), Observatorio Astronómico Nacional (Colombia), U. Nacional de Colombia, U. de los Andes (Colombia), New Mexico State U., Arizona State U., Columbia U., Princeton U., Harvard U., UC Berkeley, UC Santa Cruz, Pontificia Universidad Catolica (Chile), Universidad de Chile.

Art & Science

- 2012: Founding member and organizer of the Art and Science Meetings (Encuentros de Arte y Ciencia) in Bogotá.
- Since 2011 member of the *Fluid Skies* collaboration together with Yunchul Kim (artist) and Lucia Ayala (Art Historian). *Fluid Skies* is a creative and research platform to explore the fluid materiality of the cosmos from the perspectives of astrophysics, art, history and philosophy.
- 2010, Talk on *Simulations of Large Scale Structure Evolution*, Institut für Raumexperimente - Olafur Eliasson Studio, Berlin.

Languages

Spanish (native), English (fluent), French (fluent), German (proficient)