

Jaime E. FORERO-ROMERO

Born October 14, 1981. Bogotá, Colombia

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Universidad de los Andes
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Main Scientific Research Interests

- Computational Cosmology and Galaxy Formation
- Large Scale Structure of the Universe
- The Dark Energy Spectroscopic Instrument (DESI)

Main Artistic Research Interests

- Materiality of the Cosmos
- Personal Cosmologies
- Reality as a Pluriverse
- Utopian Communities

Education

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

Academic Positions

- Associate Professor, Physics Department, Universidad de los Andes (Colombia), 8/2015-
- Assistant Professor, Physics Department, Universidad de los Andes (Colombia), 8/2012-7/2015
- 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

Collaborations

- 2016: **The Language that Cosmology Speaks**. Collaboration with Diana Murcia (designer). We are designing a series of posters on the common thread tying living cosmologies (traditional, contemporary, physical, metaphysical).
- 2015: **Cosmic Calendar 2016**. Collaboration with Mónica Naranjo (visual artist). We designed and produced a 2016 calendar depicting the cosmological evolution of the Universe in the standard Big Bang cosmology.
- 2015: **Biodharma Theater Summer School**. Collaboration with Beatriz Camargo (drama- / dharma- turgist). We gave three lectures and practical exercises on contemporary physical cosmology for theater students.
- 2014: **Stereoplanetary Landscapes**. Collaboration with Carlos Moncada (designer), Dario Sendoya (sociologist/activist) and Nicolás Garavito (scientist).
- 2013: **Peripheral Astronomy**. Collaboration with Luis Bustamante (designer/media artist), Alejandro Tamayo (artist) and Manuel Santana (plastic artist), Dario Sendoya (sociologist/activist) and Johanna Villamil (designer/artist). Founding member of the project *Astronomía Periférica* that aims at taking astronomy to Bogota's periphery through artistic interventions. Secured funding for ~ 5KEuro from the Office of Astronomy for Development to kickstart the project.
- 2012: **Bogotá Art and Science Meetings**. Collaboration with Alejandro Tamayo (artist) and Johanna Villamil (designer/artist).
- 2011-2012: **Fluid Skies**. Collaboration with Yunchul Kim (artist) and Lucía 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.

Grants

- 2014. (CoPI) Stereoplanetary Landscapes
- 2013. (PI) Astronomy for Development Grant for the art/science collaborative project *Astronomía Periférica* (5K USD).
- 2011: *Fluid Skies* secured funding for ~ 10K USD from the University of California Institute for Research in the Arts (USA) to support the Carved Air exhibition (Berlin, 2012).

Languages

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