

# Jaime E. FORERO-ROMERO

Born October 14, 1981. Bogotá, Colombia

<http://wwwprof.uniandes.edu.co/~je.forero/>  
[je.forero at uniandes dot edu dot co](mailto:je.forero@uniandes.edu.co)  
<https://github.com/forero>  
Calle 18A# 1 - 10  
Bloque Ip, Of. 208  
Universidad de los Andes  
AA 4976, Bogotá, Colombia

## 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 (3<sup>rd</sup> & 4<sup>th</sup> year), Instituto Balseiro (Argentina), 08/2001 - 08/2003
- Undergraduate Physics studies (1<sup>st</sup> & 2<sup>nd</sup> 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)