

# Jonás Chaves-Montero

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Donostia International Physics Center  
Paseo Manuel de Lardizabal 4  
20018 Donostia-San Sebastian  
Guipuzcoa, Spain

## RESEARCH INTERESTS

Broad range of topics in **Cosmology and Astrophysics**: galaxy-halo connection, cross-correlation of large-scale structure and cosmic microwave background, photometric redshifts, and active galactic nuclei

## EXPERIENCE

**Donostia International Physics Center**, Donostia, Spain  
*Postdoctoral Researcher*, 2020–present

**Argonne National Laboratory**, Lemont, USA  
*Postdoctoral Researcher*, 2017 – 2020

**CEFCA**, Teruel, Spain  
*Graduate Research Student*, 2013 – 2017

## EDUCATION

**Complutense University of Madrid**, Madrid, Spain  
*Ph.D. in Cosmology and Astrophysics*, 2013–2017

**Autonomous University of Madrid**, Madrid, Spain  
*M. Sc. in Astrophysics*, 2012 – 2013

**University of Salamanca**, Salamanca, Spain  
*B. Sc. in Physics*, 2007 – 2012

## INDICATORS OF QUALITY IN SCIENTIFIC PRODUCTION (\*)

(\*) NASA/ADS

Number of citations: 200  
Avg. citations per year (last five years): 38.2  
Publications in the first quartile: 9  
Lead author publications in the first quartile: 5  
h-index: 6

9 talks in international conferences and workshops

Collaboration meetings: 4 J-PAS, 1 SPHEREx, 1 CMB-S4

Link to [publication list](#)

## RESEARCHER CODES

WOS Researcher ID: [M-9388-2017](#)  
SCOPUS Author ID: [56566761000](#)  
ORCID: [0000-0002-9553-4261](#)  
Google Scholar: [cZmCXoEAAAAJ](#)

## OTHER QUALITY INDICATORS

### Supervised students

Master thesis: Evanz Lázaro  
(2021, UIV)

Research training: Alejandro  
Fernandez Centeno (2021,  
UCM).

### Leadership

J-PAS photo-z science  
working group since 2020  
LOC: XI Scientific Meeting of  
the Spanish Astronomical  
Society, 2014

## SKILLS

**Languages:** Spanish and  
English

### Programming languages:

Python, C, Bash, IDL, Fortran

**HPC:** MPI and OpenMP

**Scientific:** numpy, scipy,  
matplotlib, emcee, HEALpix,  
FSPS, scikit-learning,  
pythorch, and others

## MEMBERSHIPS

European Astronomical  
Society since 2019

Spanish Astronomical Society  
since 2013

J-PAS collaboration since  
2013