

Curriculum vitae

Contact Jose María Ezquiaga, jose.ezquiaga@nbi.ku.dk
Information Niels Bohr Institute (NBI), University of Copenhagen ezquiaga.github.io, 

I am an Associate Professor and Villum Young Investigator at the Niels Bohr Institute, where I am the head of the LIGO group (3 postdocs, 2 PhD students, 1 master student). My research exploits gravitational wave observations to lead new discoveries at the intersection of fundamental physics, cosmology, and astrophysics.

Research Positions

Associate Professor	from March 2025
Niels Bohr Institute, University of Copenhagen	
Assistant Professor	2022-25
Niels Bohr Institute, University of Copenhagen	
NASA Einstein Fellow	2019-22
Kavli Institute for Cosmological Physics (KICP), The University of Chicago	

Education

PhD Universidad Autónoma de Madrid (UAM), Theoretical Physics	2015-2019
<i>Probing the Dark Universe with Gravitational Waves</i> , Advisor: Juan García-Bellido	
Research visits: CERN (3 months, 2018), UC Berkeley (3 months, 2017)	
MA Instituto de Física Teórica (IFT), Theoretical Physics	2014-15
BA Universidad Autónoma de Madrid , Physics	2010-14
Research visits: Niels Bohr Institute (10 months, 2013-14)	

Key metrics & achievements

Publications

60+ publications, 6000+ citations (90+ per paper), h -index 35+ (more info at [InSpire](#) & [G-scholar](#)).
 15+ first-author publications, 2500+ citations (130+ per paper).

Presentations

40+ invited seminars, 50+ talks at conferences (20+ of which invited).

Grants

VILLUM Young Investigator Grant, 2022, DKK 8 Million (\simeq EUR 1.1 Million), 5 years.

Leadership

Co-chair of LIGO-Virgo-KAGRA Lensing Group (since 2022), PI and founder of NBI-LIGO group (since 2023), Senior member of the Danish excellence center “The Center of Gravity” (since 2025).

Teaching

Main instructor “Black holes and Gravitational Waves” course at NBI (since 2024).
 Invited lecturer at 5 international PhD schools.

Mentoring

Currently supervisor of 2 PhD students (exp. defense 2025 & 2026) and 1 master student (exp. 2025).
 Co-supervised 2 PhD students at UChicago. Supervised 3 MSc theses and bachelor projects at NBI.

Prize fellowships

Marie Skłodowska-Curie Interactions Senior Fellow (2022-26), NASA Einstein Fellow (2019-22), KICP Fellow (2019-22), Spanish Science Ministry FPU Fellow (2015-19), UAM Excellence Fellow (2014-15).

Career prizes

IUPAP General Relativity Early Career Prize (2025), Best PhD thesis by Spanish Royal Society of Physics (2021), Enrique Fuentes Quintana STEM Thesis Prize (2021), Extraordinary Doctorate Prize UAM (2020).

Professional memberships

Scientific collaborations: LIGO (since 2019), LISA (since 2018), Cosmic Explorer (since 2019).
 Networks: Tycho Supercomputer, EuCAPT, American Physical Society, Spanish Royal Society of Physics.