

JAIME REDONDO-YUSTE

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PRESENT POSITION	PhD Fellow in theoretical physics, Center of Gravity , Niels Bohr Institute, Københavns Universitet	
RESEARCH INTERESTS	Black Holes, Gravitational Waves, General Relativity and beyond Neutron Stars, Core-collapse Supernovae, Relativistic Astrophysics	
EDUCATION		
PhD	Niels Bohr Institute , Københavns Universitet <i>Unravelling the nonlinear nature of gravity</i> . Advisor Vitor Cardoso	2022 – Present
MSc	Perimeter Institute & University of Waterloo <i>Dynamics of black hole horizons</i> . Advisor: Luis Lehner	2021-2022
BSc	Universidad Complutense de Madrid , Physics & Mathematics University of Manchester , Visiting Student (1 year) <i>Gravitational waves during stellar collapse</i> . Advisor: Luis J. Garay <i>Fiber bundles and gauge theories</i> . Advisor: Marco Castrillón	2016-2021 2019-2020
Minor	Universidad Francisco de Vitoria , Liberal Arts	2016-2020
AWARDS & HONORS	Best scientific poster , Black Holes Inside and Out Outreach project competition , Perimeter Institute La Caixa Inphinit Doctoral Fellowship [declined] Perimeter Scholars International Award Erasmus Scholarship at the University of Manchester BSc Honors Scholarship , granted by regional government Max Mazín Prize , CEIM Foundation 15 times Honors qualification during BSc	2024 2024 2022 2021 2019 2017-2021 2017-2020 2016-2021
PUBLICATIONS SUMMARY	16 publications (incl. 5 preprints), 10 as first or corresponding author. 171 citations (h-index: 7) (See details in https://inspirehep.net/authors/1797177)	
INVITED SEMINARS	Astrophysics seminar at Los Alamos National Laboratory (USA) Seminar at Universidad Complutense de Madrid (Spain) 3rd Carroll Workshop , Thessaloniki (Greece) Simulating Extreme Spacetimes collaboration (online)	Mar. 2025 Mar. 2024 Oct. 2023 Mar. 2023
CONTRIBUTED TALKS	Black Hole Mimickers Workshop, Princeton (USA) NBI PhD Day, Copenhagen (Denmark) Numerical Relativity Community Calls (online) Strong PhD Days, Copenhagen (Denmark) Nordic Gravitational Waves Winter School (Norway) XV Black Hole Workshop , Lisbon (Portugal) Spanish-Portuguese Relativity Meeting , Salamanca (Spain)	Mar. 2025 Apr. 2024 Sep. 2023 May 2023 Jan. 2023 Dec. 2022 Sep. 2022

SCHOOLS	Kavli-Villum School on Gravitational Waves , Corfu (Greece)	2023
	Nordic Winter School on Gravitational Waves (Norway)	2023
	Gravity Summer School, Prague (Czech Republic)	2022
	Loop Quantum Gravity Summer School, Marseille (France)	2022
ORGANIZING EXPERIENCE	Ringdown Inside and Out, Copenhagen (Denmark)	Aug. 2024
	Strong PhD Days, Copenhagen (Denmark)	Apr. 2024
	Kavli-Villum school on Gravitational Waves , Corfu (Greece)	Sep. 2023
INTERNATIONAL STAYS	Los Alamos National Laboratory (1 week). <i>Host: Hyun Lim</i>	2025
	Perimeter Institute (2 weeks). <i>Host: Luis Lehner</i>	2024
	John Hopkins University (1 week). <i>Host: Emanuele Berti</i>	2024
	Princeton University (3 months). <i>Host: Frans Pretorius</i>	2024
	Universidad Complutense de Madrid (1 week). <i>Host: Luis Garay</i>	2024
TEACHING EXPERIENCE	Analytical Mechanics (lecturer: Poul Henrik Damgaard)	2023
	Numerical Methods for Physics (lecturer: Julius Bier Kierkegaard)	2023
	Computational Ocean Dynamics (lecturer: Markus Jochum)	2023
	<i>(as teaching assistant in the University of Copenhagen)</i>	
SERVICE	Referee of PRL, PRX, PRD, CQG, JHEP, and GRG	
	Member of LISA DEI Committee	2024–Present
	Social Committee representative at the Strong group	2025
	Organiser Road to Capra Seminar Series	2023–2024
OUTREACH	<i>Simulating the future through science fiction</i> –a physics-inspired theatre play supported by Perimeter Institute and Two Small Fish Ventures	2024–Present
	Nordic Science Slam 2nd place, Copenhagen (Denmark)	2024
SOFTWARE	Expert in Mathematica . Proficient in Python, Julia & C++ . Proficient user of xAct and the Black Hole Perturbation Toolkit . Co-author of bayRing –a Python based bayesian inference toolkit for ringdown modeling	
LANGUAGES	Spanish (native), English (professional), Danish (intermediate), and German (basic).	

REFERENCES

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