

JAIME REDONDO-YUSTE

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CURRENT POSITION	Associate Research Scholar, PGI Fellow Princeton Gravity Initiative, Princeton University	2026 –
PREVIOUS POSITIONS	Postdoctoral Researcher Berti group, Physics & Astronomy, Johns Hopkins Univ.	2026
RESEARCH INTERESTS	Black Holes, Gravitational Waves, General Relativity, Perturbation Theory, Neutron Stars	
EDUCATION	PhD Niels Bohr Institute , University of Copenhagen <i>Nonlinearities & GWs</i> . Advisor: Vitor Cardoso	2022–26
	MSc Perimeter Institute & University of Waterloo <i>Dynamics of black hole horizons</i> . — Luis Lehner	2021–22
	BSc Universidad Complutense de Madrid , Physics <i>GWs during stellar collapse</i> . — Luis J. Garay	2016–21
	BSc Universidad Complutense de Madrid , Math	2016–21
	University of Manchester , Visiting Student <i>Fiber bundles & gauge theories</i> . — Marco Castrillón	2019–20
	Minor Universidad Francisco de Vitoria , Liberal Arts	2016–20
PUBLICATIONS SUMMARY	26 publications (incl. 3 preprints), 14 as lead author. 778 citations (h-index 12), according to inSpire .	
AWARDS & HONORS	JSPS Short Term Fellowship	2026
	Travel award, workshop on Extremal Black Holes	2025
	Best scientific poster, Black Holes Inside and Out	2024
	Outreach project pitch, Perimeter Institute	2024
	La Caixa Inphinit Doctoral Fellowship [declined]	2022
	Perimeter Scholars International Award	2021
	Erasmus Scholarship at University of Manchester	2019
	BSc Honors Scholarship, regional government	2017–21
	Max Mazín Prize, CEIM Foundation	2017–20
MENTORING/ SUPERVISION	Master Students	
	Lucía Vélez (MSc Thesis)	2025–26
	Sashvat Iyer (MSc Thesis)	2025–26
	José Ortega Gómez (Erasmus+ Internship)	2025
	Sofía Bussieres-Lopez (Erasmus+ Internship)	2025
	Bachelor Students	
	Lennox Keeble (Internship)	2025
	Laura Micheletti (Summer Internship)	2025
	Mathilde Menu (Summer Internship)	2025

INVITED TALKS	Astrophysics Seminar at YITP, Kyoto	Jul '26
	RESCEU Seminar at Tokyo University	Jun '26
	Strong Gravity Seminar at Perimeter Institute	Oct '25
	BH Explorer Seminar at CfA, Harvard	Oct '25
	Astro Coffee at Institute of Advanced Studies	Sep '25
	Gravity Seminar at Johns Hopkins University	Sep '25
	Quasinormal Modes Workshop at IBS, Daejeon	May '25
	Gravity Seminar at Albert Einstein Institute	Apr '25
	Astrophysics seminar at LANL	Mar '25
	3rd Carroll Workshop , Thessaloniki	Oct '23
ORGANIZING EXPERIENCE	Ringdown Inside and Out, Copenhagen	Aug '24
	Strong PhD Days, Copenhagen	Apr '24
	Kavli-Villum School on GWs , Corfu	Sep '23
TEACHING EXPERIENCE	Analytical Mechanics (P.H. Damgaard)	Fall '23
	Numerical Methods for Physics (J.B. Kierkegaard)	Fall '23
	Computational Ocean Dynamics (M. Jochum)	Spring '23
	<i>(as teaching assistant at University of Copenhagen)</i>	
PRESS COVERAGE	Viewpoint in Physics by S. Chakraborty	Oct '25
	Perimeter Insider news on <i>A Quantum of Hope</i>	Sep '25
	New Scientist article by K. Padavic-Callaghan	Aug '25
OUTREACH	A quantum of hope (writer). Physics-inspired theatre play, premiered in 2025 in Waterloo	2024–
	Nordic Science Slam 2nd place, Copenhagen	2024
	Organisation of artist residencies at the Strong group	2024
SERVICE	Referee for PRL, PRX, PRD, CQG, JHEP , and GRG	
	Member of LISA DEI Committee	2024–
	Organiser Road to Capra Seminar Series	2023–24
SOFTWARE	Expert in Mathematica . Proficient in Python , Julia & C++ Proficient user of xAct & Black Hole Perturbation Toolkit . Co-author of bayRing — a Python based bayesian inference toolkit for ringdown modeling	