

LUKA VUJEVA

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EDUCATION	Niels Bohr Institute, University of Copenhagen <i>Ph.D. Fellowship in Gravitational Wave Physics</i> • <i>Unveiling the dark Universe using gravitational wave lensing.</i> (Advisors: Jose Maria Ezquiaga and Vitor Cardoso) Niels Bohr Institute, University of Copenhagen <i>MSc. in Physics, Specialization in Astrophysics</i> • <i>Finding the highest redshift galaxies with the James Webb Space Telescope using gravitational lensing.</i> Advisors: Charles Steinhardt University of Toronto <i>HBSc. with Majors in Astronomy and Astrophysics, and Physics, with a Minor in Mathematics (and a completed undeclared Minor in Classics)</i> • <i>Exploring thermal phase transitions of neutral hydrogen in the interstellar medium</i> Advisors: Peter G. Martin and Antoine Marchal	Copenhagen, Denmark [2023 - 2026](<i>expected</i>) Copenhagen, Denmark [2021 - 2023] Toronto, Canada [2016 - 2021]
PUBLICATIONS	4 publications as lead author, 1 <i>Physical Review Letter</i> (PRL) as co-lead author, 22 total publications (incl. 5 preprints). See details in my NASA ADS and Inspire pages.	
MEMBERSHIPS	LIGO Collaboration 50% Member LISA Consortium Community Member BUFFALO Collaboration Community Member	2023-Present 2024-Present 2022-Present
ORGANIZING EXPERIENCE	Black Holes Inside Out Local Organizing Committee Group Meetings Helped organize meetings for the Strong group Strong Seminars Helped organize seminars for the Strong group	2024 02.2025-Present 02.2025-Present
AWARDS	EuCAPT International Exchange Award Travel grant (1000 euros) to visit Pierre Fleury in the University of Montpellier Honorable Mention: LVK Barcelona Meeting Theory Section Poster Contest	09.2025 09.2024
INTERNATIONAL VISITS	University of Chicago (3 months) Host: Daniel Holz Albert Einstein Institute (1 week) Host: Miguel Zumalacárregui Center for Computational Astrophysics (1 week) Host: Max Isi Canadian Institute for Theoretical Astrophysics (1 week) Host: Maya Fishbach	09.2025 (expected) 10.2024 10.2024 01.2024
SCHOOLS	Nordic Winter School: Multimessenger Astrophysics Skeikampen, Norway Prospects in Theoretical Physics 2025: Gravitational Waves from Theory to Observation Princeton, USA	01.2024

WORKSHOPS AND CONFERENCES	Multi-messenger Gravitational Lensing Manchester, UK.	
	<i>Short talk and poster.</i>	03.2024
	Strong Gravitational Lensing Science with LSST Oxford, UK.	
	<i>Short talk and poster.</i>	03.2024
	Current Themes in Transient Astrophysics and Cosmology Copenhagen, Denmark.	06.2024
	New Ideas on The Origin of Black Hole Mergers Copenhagen, Denmark.	08.2024
	Black Holes Inside and Out Copenhagen, Denmark	
	<i>Local Organizing Committee</i>	08.2024
	LIGO/Virgo/KAGRA Collaboration Meeting Barcelona, Spain.	
	<i>Short talk and poster.</i>	09.2024
ACADEMIC SERVICES	Fundamental physics and gravitational wave detectors Pollica, Italy.	
	<i>Short talk and poster.</i>	09.2024
	Lensing and Wave Optics in Strong Gravity Vienna, Austria.	09.2024
	Reviewer for Nature Communications (1 article), and Astronomy and Astrophysics (1 article)	