

# Jacopo Tissino — CV

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GitHub: <https://github.com/jacopok>

Research interests	Gravitational Wave Astronomy and Data Analysis.	
Education	<b>Gran Sasso Science Institute</b>	L'Aquila, Italy
	PhD in Gravitational Wave Physics.	Nov 2021 – ongoing
	Advisor: professor Jan Harms	
	<b>Università di Padova</b>	Padua, Italy
	Master's degree in Astrophysics and Cosmology.	Sep 2019 – Oct 2021
	Thesis advisors: professor Sebastiano Bernuzzi (University of Jena, Germany), Michela Mapelli (Università di Padova, Italy).	
	Thesis title: " <i>Machine Learning for Gravitational Waveforms from Binary Neutron Star mergers</i> ".	
	<b>Università di Padova</b>	Padua, Italy
	Bachelor of Science in Physics.	Sep 2016 – Sep 2019
	Thesis advisor: professor Roberto Turolla (University of Padua).	
	Thesis title: " <i>Relativistic non-ideal flows</i> ".	
	<b>Galileian School of Higher Studies</b>	Padua, Italy
	Excellence school with an admission rate of roughly 14/300.	Oct 2016 – ongoing
	Current grade average: 30/30.	
Teaching experience	<b>Teacher at "Summer STEM Academy"</b>	Fall 2020
	I taught a module on classical electrodynamics and the quantum nature of light in a summer school for selected high school students.	
	<b>Teacher at "Vicenza Academy Confartigianato"</b>	Fall 2019
	I taught a module on electrostatics and electrodynamics to middle school students.	
	<b>Teacher at "Fare Ricerca"</b>	Spring 2020 – Spring 2021
	I taught a module on the methods of research to elementary school students (2020) and to high school students (2021).	
	<b>Private tutor</b>	2014 – 2021
	I have mentored many high-school and university students on various subjects in math and physics.	
Skills	<b>Programming and computing</b>	
	Proficiency with Python and a wide set of its scientific libraries, as well as automated testing and web development in Flask.	
	Familiarity with XSPEC.	
	Proficiency in $\text{\LaTeX}$ — I am able to take good quality <a href="#">notes</a> in real time with it, and for one course in my Master's they were reviewed by the professor and became the main course material.	
	<b>Languages</b>	
	English (fluent), Italian (fluent).	

## Other interests

Amateur astronomy, mountaineering, bike travel, guitar playing.  
Scouting: I was a Scout Master for four years (2016–2020).