

Giuseppe VITERBO



DATE OF BIRTH

07.03.1999 In Triggiano, Italy

CONTACT DETAILS

@ giuseppe.viterbo@iwr.uni-heidelberg.de

🔗 <https://github.com/vepe99>

PERSONAL INFORMATION

Citizenship: Italian

Address: Interdisziplinäres
Zentrum für wissenschaftliches
Rechnen IWR Universität
Heidelberg Im Neuenheimer Feld
205 69120 Heidelberg Germany

UNIVERSITY EDUCATION

PHD IN ASTROPHYSICS AT HEIDELBERG UNIVERSITY

2024 - today

- ◇ Topic: Simulation Based Inference for Galactic Archaeology.
- ◇ IMPRS fellow (International Max Planck Research School for Astronomy and Cosmic Physics at the University of Heidelberg)
- ◇ HGS MathComp membership

MASTER IN PHYSICS OF DATA AT THE UNIVERSITY OF PADOVA (SUMMA CUM LAUDE)

2022 - 2024

- ◇ Master thesis: "CASBI – Chemical Abundance Simulation-Based Inference for Galactic Archaeology."

BACHELOR IN ASTRONOMY AT THE UNIVERSITY OF PADOVA

2019 - 2022

- ◇ Bachelor thesis: "The galactic magnetic field: survey techniques and model."

PUBLICATIONS

- ◇ "Inferring Galactic Parameters from Chemical Abundances with Simulation-Based Inference" T. Buck et al., G. Viterbo 2025 (<https://arxiv.org/abs/2503.02456>).

- ◇ "CASBI – Chemical Abundance Simulation-Based Inference for Galactic Archaeology" G. Viterbo, T. Buck 2024 (<https://arxiv.org/abs/2411.17269>).

TRAINING AND PROGRAMMING LANGUAGE SKILL

- ◇ Programming and software skills: Python (Advanced), R (Beginner), Github (Advanced), Latex (Advanced), SQL (Intermediate), Iraf (Beginner), Docker (Intermediate)
- ◇ Operating systems: macOS, Linux and Windows
- ◇ Languages: Italian - native, English – fluent

CONFERENCE AND WORKSHOP

- ◇ July 2025: National Astronomy Meeting (NAM), Durham (UK) (talk)
- ◇ May 2025: Simulation based inference conference, Bristol UK (talk)
- ◇ May 2025: Cosmic Horizons conference, Austin Texas (poster)
- ◇ December 2024: ML4PS workshop NeurIPS, Vancouver Canada (poster)
- ◇ July 2024: ML4Astro - Heidelberg community, Heidelberg Germany (talk)