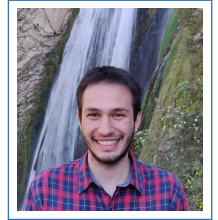


Lorenzo Speri

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Born: 26/01/1996



Education

- 2018 - 2020 **Master of Theoretical Physics BSc**, *University of Heidelberg*.
- 2015 - 2018 **Bachelor of Physics BSc**, *University of Trento*.
Erasmus+ Programme: 10 months as an exchange student at the University of Oslo (2017/2018).
Thesis: *Analyzing Gravitational Waves through Numerical Simulations of Compact Binaries*.
Degree examination: 110/110
- 2010 - 2015 **High School Diploma**, *Institute L. Calabrese - P. Levi*, San Pietro in Cariano (VR), Italia, 96/100.
Scientific High School Diploma.

Workshops and Schools

- 04/2019 **Advanced Workshop on Accelerating the Search for Dark Matter with Machine Learning**, *ICTP, Trieste*.
- 03/2019 **Theoretical Aspects of Astroparticle Physics, Cosmology and Gravitation**, *Galileo Galilei Institute, Firenze*.
Neutrino physics (F. Feruglio), Galactic cosmic rays and multimessenger astronomy (F. Donato), Gravitational waves and compact binaries (E. Barausse), Cosmological perturbation theory and structure formation (V. Desjacques)
- 09/2018 **Gaia Data & Science**, *University of Heidelberg*.
Summer School at the International Max Planck Research School for Astronomy & Cosmic Physics
- 04/2018 **Spring workshop in nuclear and particle physics**, *CERN*.
The workshop seminars covered: Heavy ion physics, Astroparticle physics and Dark matter, Radioactive Ion Beams for Medical Applications, Particle accelerators, Electroweak interactions, and the discovery of the Higgs boson.
- 09/2014 **Discovering high-mass particles with CMS**, *University of Padova*.
The purpose of the workshop was to estimate the mass of the Z boson, using basic experimental particle physics and data analysis.
- Fall 2014 **Arduino Programming Course**, *Institute L. Calabrese - P. Levi*.
- Spring 2014 **Mente e Cervello**, *University of Verona*.
Neurobiology of emotions: 16 hours of lessons with final exam. Score 30/30.

Talks

- 02/09/2018 **Cosmological Evidences of Dark Matter from the CMB**.

Work Experience

- 2014 - 2017 **Private tutor of scientific subjects**.

IT Skills

- System Windows, Linux, Mac OS X
- Languages C, C++, Python, Bash, Matlab, Cactus Framework, L^AT_EX
- Software Microsoft Office, Einstein Toolkit

Language Skills

Italian Native language
English TOEFL iBT 95/120
German Internationalen Studien Zentrums der Universität Heidelberg: A2

Other

GitHub **Personal Academic Website**, <https://github.com/lorenzsp>.
My certifications and university reports I have written can be found at my GitHub site.

Personal Interests.

I play piano and I love listening to classical music. I have played rugby for six years, but I also like swimming, skiing and travelling.

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.