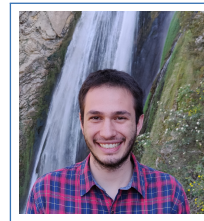


Lorenzo Speri

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Born: 26/01/1996



Education

- 2018 - **Master of Theoretical Physics MSc**, *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

- 20-24/05/19 **The Mysterious Universe: Dark Matter - Dark Energy - Cosmic Magnetic Fields**, Mainz Institute for Theoretical Physics, Johannes Gutenberg University.
- 13-15/05/19 **LISA Waveform Working Group Meeting**, Max Planck Institute for Gravitational Physics (Albert Einstein Institute), Potsdam.
- 8-12/04/19 **Advanced Workshop on Accelerating the Search for Dark Matter with Machine Learning**, ICTP, Trieste.
- 11-22/03/19 **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: B1

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.