LORENZO TURCO

MSc in Theoretical Physics

27/10/1996 (24 y.o.)

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O loreturco96

y Itloreturco trailblazer.me
lorenzoturco

"All men by nature desire knowledge." - Aristotle

CV, University Exams, Degree's Theses, Certificates on: https://github.com/Lorenzo-Turco/Documents

ABOUT ME



I am an Ambitious person **?**, always looking for New Knowledge **?** and, since the first scholastic years, very good at Working within a Team . I am interested in Software Developer </>
or Administrator vole. I took a Salesforce Academy at Experis - Manpower Group: Certificate being issued (see my trailblazer.me profile: lorenzoturco).

EXPERIENCE



Teaching Tutor

Università degli Studi di Genova

♀ Genoa, Italy

Teaching Tutor experience of

- General Physics
- Mathematical Analysis
- Analytical Geometry and Linear Algebra

for first year students of the Bachelor's Degree Course in Mechanical Engineering.

EDUCATION



Master's Degree in Theoretical Physics

Università degli Studi di Genova

₩ Sep 2018 - Oct 29, 2020

♀ Genoa & Turin, Italy

Thesis title: Neutron-star mergers in scalar-tensor theories of gravity (EN)

Thesis supervisors: Prof. Gianluca Gemme - INFN & Dr. Alessandro Nagar - IHES. Co-supervisor: Prof. Nicola Maggiore - INFN

Final Grade: 110/110 cum Laude

Bachelor's Degree in Physics

Università degli Studi di Genova

♀ Genoa. Italy

Thesis title: Extension of the Coulomb and Biot-Savart laws to the non-

static case: Jefimenko's equations (IT)

Thesis supervisor: Prof. Lorenzo Mattera - UniGe

Final Grade: 110/110 cum Laude

COMPUTER **ACHIEVEMENTS**



Salesforce

1x Superbadge: Admin Trailhead Rank: Expeditioner



COURSE: Salesforce - CRM Cloud So**lution Architect**

m Experis Academy

- ManpowerGroup

Mov 2, 2020 - Dec 12, 2020

PERSONAL SKILLS



Team Working

Focus on Tasks

Professional Exchange

Human Exchange

COMPUTER SKILLS



PT-X

Mathematica

Microsoft Office

MATLAB

Java

C++

C

Salesforce

Apex

MySQL

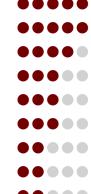
ROOT

SciDAVis

Unreal Engine 4















High School Diploma

Liceo Scientifico IIS Carlo Barletti, Opzione Scienze Applicate

Ovada, AL, Italy

Final grade: 100/100

SCIENTIFIC SKILLS



During my study path, and my thesis work, I had the opportunity to elaborate on several topics of physics and mathematics.

- Gravity. Since the last Bachelor year, I focused my attention on the
 theory of General Relativity including several solutions, cosmology,
 causal structure of spacetime, singularity theorems and calculation
 techniques in Gravitational Waves theory. In my Master's Degree thesis I also had the opportunity to study Scalar-Tensor theories of gravity and the Gravitational Waves theory in this framework with my supervisor Dr. Alessandro Nagar and his research group (♥ Turin, Italy).
- Particle Physics. My interests also turn to *Quantum Field Theory* and the *Standard Model* of Particle Physics, including the construction of the model starting from *Group Representation Theory* and some phenomenological calculations.

ORGANIZATIONS



National Institute for Nuclear Physics (INFN), section of Genoa

Mov 2019 - ongoing

Position: Associate

Group: National Scientific Commission (CSN) II

VIRGO Collaboration

m Dec 2019 - Nov 2020

Position: Member

Affiliation due to the work on the Gravitational Waves within my Mas-

ter's Degree thesis

ACADEMIC ACHIEVEMENTS





Winner of Teaching Tutor Position



University Merit Awards



Representative in Regional School Board

LANGUAGES



Italian

Mother tongue

English

Speaking: B2 Reading: C1 Listening: B2 Writing: B2

CERTIFICATES





Cybersecurity - BASE level (IT)

1INFN

₩ Oct 12, 2020



The GDPR in 10 pills (IT)



Specific training for the office staff-low risk (IT)

<u>m</u> Università degli Studi di Genova ∰Aug 7, 2019



General training on safety and health in the workplace (IT)

<u>m</u> Università degli Studi di Genova ∰ Nov 30, 2018

DRIVER'S LICENSE



В

With own car