

# LORENZO TURCO

## MSc in Theoretical Physics

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 [Lorenzo-Turco](https://www.linkedin.com/company/Lorenzo-Turco)    [LorenzoTurco](https://www.youtube.com/channel/UCq33333333333333333333)    [trailblazer.me](https://trailblazer.me/lorenzoturco)    [lorenzoturco](https://discord.com/users/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* role. I took a *Salesforce Academy* at Experis - Manpower Group: Certificate being issued (see my trailblazer.me profile: [lorenzoturco](https://trailblazer.me/lorenzoturco) ).

## EXPERIENCE



### Junior Consultant

#### NTT DATA Italia

Jan 18, 2021 – ongoing    Milan, Italy

#### Apprenticeship

Within the unit "Customer Relationship Management and Contact Center". Qualification to be achieved: *Software Developer Engineer*.

### Teaching Tutor

#### Università degli Studi di Genova

Sep 25, 2019 – Apr 4, 2020    Genoa, Italy

#### Contract

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

## COMPUTER ACHIEVEMENTS



### Salesforce

1x Superbadge: Admin

[Trailhead](#) Rank: Expeditioner



### COURSE: Salesforce - CRM Cloud Solution Architect

Experis Academy

- ManpowerGroup

Nov 2, 2020 – Dec 12, 2020

## PERSONAL SKILLS



Team Working



Focus on Tasks



Professional Exchange



Human Exchange



## COMPUTER SKILLS



LaTeX



Mathematica



Microsoft Office



MATLAB



Java



C++



C



Salesforce



Apex



MySQL



ROOT



SciDAVis



Unreal Engine 4





## Bachelor's Degree in Physics

**Università degli Studi di Genova**

📅 Sep 2015 – Sep 28, 2018

📍 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

## High School Diploma

**Liceo Scientifico IIS Carlo Barletti, Opzione Scienze Applicate**

📅 Sep 2010 – Jul 4, 2015

📍 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**

📅 Nov 2019 – Dec 2020

**Position:** Associate

**Group:** National Scientific Commission (CSN) II

**VIRGO Collaboration**

📅 Dec 2019 – Nov 2020

**Position:** Member

Affiliation due to the work on the Gravitational Waves within my Master's Degree thesis

## ACADEMIC ACHIEVEMENTS



**Winner of Teaching Tutor Position**

🏛️ Università degli Studi di Genova

📅 Sep 2019 – Apr 2020



**University Merit Awards**

🏛️ Università degli Studi di Genova

📅 Accademic Years: 2015/2016, 2016/2017, 2017/2018, 2018/2019



**Representative in Regional School Board**

🏛️ Liceo Scientifico IIS Carlo Barletti

📅 2014/2015. 📖 Alessandria, Italy

## LANGUAGES



Italian

Mother tongue

English

Speaking: B2

Reading: C1

Listening: B2

Writing: B2

## CERTIFICATES



**Cybersecurity - BASE level (IT)**

🏛️ INFN

📅 Oct 12, 2020



**The GDPR in 10 pills (IT)**

🏛️ Università degli Studi di Genova

📅 Sep 30, 2019



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

🏛️ Università degli Studi di Genova

📅 Aug 7, 2019



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

🏛️ Università degli Studi di Genova

📅 Nov 30, 2018

## DRIVER'S LICENSE



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With own car