

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL INFORMATION**

Name  
Address  
Telephone  
E-mail

**Locatelli Lorenzo**  
**21d, Via Dante, 20097, San Donato mil.se (MI), Italy**  
**+39 3394053137**  
[lorenzo\\_locatelli@hotmail.it](mailto:lorenzo_locatelli@hotmail.it)

Nationality  
Date of birth

Italian  
3<sup>rd</sup>, may, 1994

**WORK EXPERIENCE**

- Dates (oct 2019 – oct 2022)
- Name and address of employer
  - Occupation or position held
- Main activities and responsibilities
  
- Dates (may 2016 –July 2016)
- Name and address of employer
  - Occupation or position held
- Main activities and responsibilities
  
- Dates (Sept 2014 –July 2016)
- Name and address of the employer
  - Occupation and position held
- Main activity and responsibility

Research activity in the “CNR - Institute for Microsystem and Microtechnology” at Agrate Brianza  
CNR-IMM-Unit of Agrate Brianza – Via C. Olivetti 2, Agrate Brianza (MB), 20864  
Research fellow  
My research activity was mainly devoted to the growth (by physical and chemical technique) and characterization of Topological Insulators with the aim to boost their transfer from academic to industrial devices.

Research activity in the physics laboratory LNESS of the “Politecnico di Milano”  
L-NESS laboratory Via Anzani 42 , 22100, Como, Italy  
Internship student  
My main activities were related to the investigation of morphological and structural properties (using SEM and AFM) of samples of diamond and sapphire modified in the laboratory through super-intense Bessel laser pulses.

Technical and administrative staff in an Italian rugby club  
Rugby Metanopoli ASD Via Unica Belgiano , Italy  
Stage of two years  
My main activity was related to the coordination of the team from a technical and administrative point of view

**EDUCATION AND TRAINING**

- Dates (OCT 2019 – Oct 2022)
- Name and type of organization providing education and training
  - Principal subjects skills covered
- Title of qualification awarded

PhD student at the University of Milano Bicocca  
Department of Material Science and Nanotechnology  
Solid state physics, material science, physics, quantum physics, Fabrication methods, assembly of electronic devices, electrical characterization  
Doctor of Philosophy in Physics and Material Science (to be discussed in oct 2022)

- Dates (Sept 2016 – Oct 2019)
  - Name and type of organization providing education and training
    - Principal subjects skills covered
  - Title of qualification awarded
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- Dates (Sept 2013 – Sept 2016)
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
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- Dates (Sept 2011 – July 2016)
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded

Master student in Engineering Physics, specialization in 'Nanophysics and Nanotechnology'  
Politecnico di Milano

Solid state physics, Magnetism, Nanomagnetism, Spintronics, Physics of surface  
Superconductivity, Electron Microscopies, Photonics, Plasma physics, Mathematical methods,  
Electronics, Informatics, Automatic control, Computer science  
Doctor "Magistrale" in Engineering Physics (110 / 110)

Bachelor degree in Engineering Physics  
Politecnico di Milano

Mathematical analysis, Geometry, General physics, Chemistry, Statistics, Electromagnetism,  
Quantum physics, Optics, Structure of matter, Principles of laser, Material science, Electronics,  
Informatics, Automatic control  
Doctor "Junior" in Engineering Physics

High school scientific "Diploma"  
IIS Enrico Mattei

Scientific and humanistic subject

Scientific "Diploma"

## PERSONAL SKILLS AND COMPETENCES.

MOTHER TONGUE  
OTHER LANGUAGES

**Italian**

**English**

- Reading skills
- Writing skills
- Verbal skills

Good  
Good  
Good

SOCIAL SKILLS  
AND COMPETENCES

Coordination and team-working skills acquired during the thesis period and several academic group projects.

ORGANISATIONAL SKILLS  
AND COMPETENCES

Public event and cultural initiative organization skills acquired both during my activity as a member of the direction of an Italian rugby team and during the organization of cultural and social activities with the no-profit association "Sando Calling".

TECHNICAL SKILLS  
AND COMPETENCES

**IT skills**

- Intermediate use of Matlab
- Intermediate use of Python
- Elementary use of C and C++
- Elementary use of OOMMF for micromagnetic simulation
- Advanced use of Microsoft Word and Excell
- Advanced use of LaTeX
- Elementary use of LabView

**Technical skills**

- X-ray technique for structure and surface analysis of materials
- Magneto-transport measurement in high magnetic field
- Cryogenic measurement
- Basic cleanroom experience

