Curriculum Vitae

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Education

08/2022 - 05/2023	**PostDoc position in Mathematics**, *University of Ancona, Italy*, Supervisors: Vincenzo Ambrosio, Topic: Non-local problems for the Fractional Laplacian.
May 2022	**PhD in Mathematics**, *University of Trento, Italy*, Supervisors: Andrea Pinamonti and Francesco Serra Cassano, PhD Thesis: Variational Problems for sub–Finsler metrics in Carnot groups and Integral functionals depending on vector fields. Topic: Sub-Riemannian Geometry and Calculus of Variations.
09/2017 - 12/2018	**PhD experience**, *University of Jyväskylä, Finland*, Supervisor: Enrico Le Donne Topic: Sub-Riemannian Geometry. Alexandrov geometry, Gromov hyperbolic spaces and CR manifolds.
2017	**Master Degree in Mathematics**, *Alma Mater Studiorium - University of Bologna*, grade 110/110 cum laude, Master Thesis: Ginzburg-Landau vortices in sub-Riemannian environment Supervisor: Distinguished Professor Giovanna Citti.
2014	**Bachelor Degree in Mathematics**, *Alma Mater Studiorium - University of Bologna*, grade 107/110, Bachelor Thesis: Topological degree and application to the periodic differential equation Supervisor: Distinguished Professor Giovanna Citti.
2011	**Science High School Diploma**, *Istituto Tecnico Industriale Luigi di Savoia of Chieti, grade 100/100.*

Seminars and Training

October 2021	**Speaker Seminar**, *9th GAMM-Seminar on Analysis of Partial Differential Equations*, Friburgo in Brisgovia
October-November 2018	**Visiting Student**, *University of New South Wales, Sydney*
20-24/08/2018	**Summer School**, *23rd International Summer School on Global Analysis and Applications*, University of Brasov
May 2018	**Visiting Student**, *University of Padova*

Teaching Experience

2020-2021	**Teaching Assistant**, *Bachelor's Degree in Industrial Engineering*, University of Trento, Course : Geometry 1 Elements of Linear Algebra
2022	**Teaching Assistant**, *Bachelor's Degree in Mechanical Engineering*, Marche Polytechnic University, Course : Analysis 1

Computer knowledge

Advanced knowledge of programming language Phyton;

Good knowledge of mathematical software MATLAB;

Advanced knowledge of the text editor Latex.

Language skills

Italian
Mother Tongue

English
B1