



Matteo Migliorini

Curriculum Vitae

Education

- 2019-present **PhD Student in Mathematics**, *Scuola Normale Superiore*, Pisa.
 - Advisor: Prof. Bruno Martelli
- 2014-2019 **Student in Corso Ordinario**, *Scuola Normale Superiore*, Pisa, 100/100 cum laude.
- 2017-2019 **Master Student in Pure Mathematics**, *Università di Pisa*, Pisa, 110/110 cum laude.
 - Graduation date: 20/09/2019
 - Thesis title: Taut foliations on 3-manifolds
 - Advisor: Prof. Bruno Martelli
- 2014-2017 **Bachelor Student in Pure Mathematics**, *Università di Pisa*, Pisa, 110/110 cum laude.
 - Graduation date: 14/07/2017
 - Thesis title: L'omologia singolare come teoria di bordismo (Singular homology as a bordism theory).
 - Advisor: Prof. Riccardo Benedetti
- Sep 2014 **Admitted to Corso Ordinario**, *Scuola Normale Superiore*, Pisa, 2nd ex-aequo.
- Jun 2014 **High School Diploma**, *Scientific High School A. Avogadro*, Biella, 100/100 cum laude.

Publications

- 2018 **C. Antonucci, M. Gobbino, M. Migliorini, N. Picenni**, *On the shape factor of interaction laws for a non-local approximation of the Sobolev norm and the total variation*, *Comptes Rendus Mathématique*.
www.sciencedirect.com/science/article/pii/S1631073X1830178X
- 2017 **C. Antonucci, M. Gobbino, M. Migliorini, N. Picenni**, *Optimal constants for a non-local approximation of Sobolev norms and total variation*, *Analysis & PDE*, 13. 10.2140/apde.2020.13.595

Colloquia

Apr 2018 **Gerarchie di superfici in 3-varietà (Surface hierarchies in 3-manifolds)**, *Scuola Normale Superiore*, Pisa.
Advisor: Prof. Bruno Martelli

Competitions

May 2014 **Italian Mathematical Olympiads**, *National Competition*, Cesenatico, 2nd place.

Computer skills

Good Python, HTML/CSS, Django, Word processing, Spreadsheets, AutoCAD, LaTeX
Basic MySQL, Bash

Languages

Italian **Mothertongue**
English **Advanced** *FCE, grade A*
French **Conversational**
German **Basic**