

Marco Moraschini

Piazza dei Daini 4, Milano, Italy
MI 20126
✉ moraschini@mail.dm.unipi.it

Personal Data

Name **Marco.**
Surname **Moraschini.**
Place of Birth **Milano (MI).**
Date of Birth **21 Gennaio 1991.**
E-mail **moraschini@mail.dm.unipi.it.**
Personal Address **Piazza dei Daini, 4 , Milano (MI).**

Positions and Titles

01/11/2015-present **Ph.D. in Mathematics**, *Università di Pisa*, Pisa, Supervisor: Prof. R. Frigerio.
2016-present **Cultore della Materia of Differential Geometry and Topology**, *Qualification for Evaluating the University Exams in that Subject*, Università di Pisa, Pisa.
08/10/2013 **Master Degree**, *Università degli Studi di Milano-Bicocca*, Milano, 110/110 e Lode.
23/07/2015
25/02/2015 **Extra Project**, *Visiting student at Universidad de Málaga (UMA) with Prof. A. Murillo during my master thesis*, Málaga, España.
05/07/2015
24/08/2010 **Bachelor Degree**, *Università degli Studi di Milano-Bicocca*, Milano, 110/110 e Lode.
15/10/2013
09/2005 **High School Diploma**, *Liceo Scientifico L. Cremona*, Milano.
07/2010

Master Thesis

Title *Topological complexity and applications*
Advisor Prof. Davide Ferrario
Co-Advisor Prof. Aniceto Murillo
Written in English

Bachelor Thesis

Title *Weak Convergence and Wiener Measure*
Advisor Prof. Francesco Caravenna
Written in Italian

Research

Preprints

- (1) **R. Frigerio, M. Moraschini**, On volumes of hyperideal tetrahedra with constrained edge lengths, (<https://arxiv.org/pdf/1801.05326.pdf>).

Publications

- (1) **M. Moraschini, A. Murillo**, Abstract sectional category in model structures on topological spaces, **Topology and its Applications**, 199 (2016), pp. 23-31.
(<https://arxiv.org/pdf/1506.08421v2.pdf>)

Invited Talk

- 04/12/2017 **Lecture on mathematical good manners: the Gromov Norm**, *BAD (Borsisti, Assegnisti, Dottorandi) Seminars*, Mathematical Department of Bologna.
- 20/10/2016 **Categoría seccional abstracta en diferentes estructuras de modelo sobre los espacios topológicos**, *V Encuentro de Jóvenes Topólogos*.
- 02/12/2015 **Topological invariants in model categories**, *Baby-Geometri Seminars*, Mathematical Department of Pisa.
- 25/06/2015 **On abstract topological complexity in model categories over topological spaces**, *InSeGTo (Interesantísimo Seminario de Geometría y Topología)*, Mathematical Department of Málaga.

Poster Sessions

- 11/09/2017 **Ideal simplicial volume**, *Ventotene International Workshop 2017: Moduli Spaces*.
Ventotene
- 21/10/2016 **El volumen simplicial: una introducción**, *XXIII Encuentro de Topología*.
Málaga

Research Visiting Period

- 14/10/2015-
23/10/2015 **Visiting Student with Prof. A. Murillo, Universidad de Málaga (UMA)**.
Málaga

Workshop, Conferences and School Attended

- 25/09/2017 **Higher Invariants: Manifolds and Groups**, *University of Regensburg*, Regensburg
29/09/2017 (Germany).
- 11/09/2017 **Ventotene International Workshop 2017: Moduli Spaces**, *Centro Polivalente*,
16/09/2017 Venototene (Italy).
- 19/06/2017 **Group Actions and Cohomology in Non-Positive Curvature**, *Isaac Newton In-*
24/06/2017 *stitute*, Cambridge (U.K.).
- 04/06/2017 **Indam Meeting: Geometric Topology in Cortona**, *Palazzone*, Cortona (Italy).
10/06/2017
- 20/03/2017 **Young Geometric Group Theory Meeting VI**, *Mathematical Institute*, Oxford
24/03/2017 (U.K.).
- 21/10/2016 **XXIII Encuentro de Topología**, *Universidad de Málaga*, Málaga (Spagna).
22/10/2016
- 18/10/2016 **V Encuentro de Jóvenes Topólogos Espanoles**, *Universidad de Málaga*, Málaga
20/10/2016 (Spagna).
- 20/06/2016 **Geometric Analysis, Metric Geometry and Topology**, *Institut Fourier*, Grenoble
01/07/2016 (Francia).
- 23/05/2016 **Advanced School on Geometric Group Theory and Low-Dimensional Topol-**
03/06/2016 **ogy: Recent Connections and Advances**, *ICTP*, Trieste (Italia).

29/06/2015 **4th Spanish Young Topologists Meeting**, *Universidad Complutense*, Madrid
02/07/2015 (Spagna).

Scholarships and Grant

2015 present **Ph.D. Scholarship**, *Università di Pisa*.
01/06/2017 - **Teaching Support**, *Geometry I*, Physics, Pisa.
30/09/2017
20/10/2016 - **Teaching Support**, *Geometry I*, Physics, Pisa.
20/12/2016
2015 **Scholarship for writing the Master Thesis abroad**, *Extra Project*, Università degli studi di Milano-Bicocca.

Teaching Activities

Academic Year **Teaching Support**, *Geometry I*, Physics, Pisa.
2016/2017
Second Semester
Academic Year **Teaching Support**, *Geometry I*, Physics, Pisa.
2016/2017
First Semester
2016/2017 **Examination Board - Culture della Materia**, *Geometry and Differential Topology*, Mathematics, Pisa.

Other Activities

01/10/2016 - **Co-organizers of Seminari dei Baby-Geometri**, *Pisa*.
present

Languages

Italian Native Speaker
English *ETS - Toeic Listening and Reading* (livello B2) Total score 830/990, Listening 405/495 and Reading 425/495 (06/11/2014)
French *Diplôme d'études en langue française (DELF)* (B1 Level) (22/06/2009)
Spanish B2 Level