Maurizio Moreschi

Curriculum Vitae
(05/08/2019)

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"Fatti non foste a viver come bruti ma per seguir virtute e canoscenza"

Linked in   **ResearchGate** SCIENTIFIC NETWORK   **StackExchange**

Education

Oct. 2012– Nov. 2018	**Excellence school diploma**, *Scuola Galileiana di Studi Superiori (SGSS)*, Padova (PD), Italy, 99/100. Highly selective trajectory for excellent students, http://www.unipd-scuolagalileiana.it/en/
Oct. 2015– Aug. 2018	**MSc Mathematics**, *Leiden University*, 9,37/10 (cum laude). Specialization: ALGANT (ALgebra, Geometry and Number Theory), http://algant.eu/
Oct. 2015– Aug. 2018	**MSc Mathematics**, *University of Regensburg*, 1,0/1,0 (with distinction). Specialization: ALGANT (ALgebra, Geometry and Number Theory), http://algant.eu/
Oct. 2012– Sep. 2015	**BSc Mathematics**, *University of Padova*, 110/110 (cum laude). Mostly oriented towards pure mathematics.
Sep. 2007– Jul. 2012	**High School Diploma**, *Liceo Scientifico Leonardo da Vinci*, Jesi (AN), Italy, *100/100*. Pre-university education oriented towards scientific studies.

Relevant work experience

Apr. 2017– Present	**Private math teacher**, in-home and online. Tailored tutoring of high school and university students.
Sep. 2017– Aug. 2018	**Teaching assistant**, *Leiden University*. Courses: "Curves over finite fields" (fall 2017), "Representation theory of finite groups" (spring 2018).
Oct. 2014– Nov. 2014	**Tutor**, *University of Padova*. Tutor in the context of the project for high school students "Modular Arithmetic and Criptology" organized by the University of Padova.

Languages

Italian	Native	**Spanish**	Intermediate (B1)
English	Fluent (C1)	**German**	Elementary (A2)
Dutch	Fluent (C1)		

Main IT skills

- LaTex, Mathematica, SageMath, Geogebra, Python.

Papers

- *S-parts of values of univariate polynomials (submitted)*;
- *S-parts of values of decomposable forms of finite type at primitive points (in preparation)*.

Talks and lectures

- **Theses defences:**
  - *Resolutions of singularities and log-canonical thresholds* (SGSS thesis defence; Padova, November 21th 2018)
  - S-*parts of values of univariate polynomials and decomposable forms* (Master thesis defences; Leiden, June 25th 2018 / Regensburg, July 16th 2018)
  - *L-functions and Iwasawa Theory* (Bachelors thesis defence; Padova, September 25th 2015)
- **Student seminars:**
  - *Hodge structures* (Utrecht, December 21st 2016);
  - *Main theorems of local class field theory* (Regensburg, July 7th and 14th 2016);
  - *Elliptic curves over finite fields* (Regensburg, June 29th 2016);
  - *Unramified and tamely ramified extensions* (Regensburg, May 19th 2016);
  - $SO_2(\mathbb{R})$-*decomposition of representations of* $SL_2(\mathbb{R})$ (Regensburg, April 27th 2016);
  - *Simplicial sets* (Regensburg, December 9th 2015).

Achievements

- **Scholarships:**
  - SGSS excellence school bursary;
  - ALGANT excellence scholarship (ALExS);
  - Regensburg excellence scholarship;
  - Leiden excellence scholarship.
- **School competitions and projects:**
  - notable results at national level in the Mathematical Olympiads, the Philosophy Olympiads and some minor math competitions;
  - multiple mentions in the "Albo Nazionale delle Eccellenze" (yearly renewed list of exceptionally performing Italian high school students);
  - participation in several school projects about mathematics, physics and philosophy.

Key words

- Love for learning, never ending desire of self-improvement, passion, ambition, determination, creativity, dedication.

Personal interests and hobbies

- Math education for passionate high-school students, recreational mathematics, science information, languages, personal development, real estate, cooking, board games.

Driving licences

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