

Curriculum vitae

Personal Information

NAME / SURNAME Gianluca Basso
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Working Experiences

- NOVEMBER 2015-** PhD student at Université de Lausanne and Università degli Studi di Torino under the supervision of Prof. J. Duparc and Prof. R. Camerlo.
- 2012-2013** In 2012 I have founded *Officine Grandi Ripetizioni* (<http://www.officinegrandiripe.altervista.org>) . My colleagues and I have helped dozens of college and high school students with their problems in mathematics and physics.
- MARCH - OCTOBER 2012** I won a grant for a part-time collaboration (150 hours) to work with prof. Capietto (Università degli studi di Torino) on the project: *Disabilità e Nuove Tecnologie*. I have explored some solutions to the challenges that visually impaired mathematics students have to face.

Education

2013-2015 *Corso di Laurea Magistrale in Matematica* at Università di Pisa

THESIS Quotients of projective Fraïssé limits.
Supervisor: Riccardo Camerlo (Politecnico di Torino)

FINAL GRADE 110/110 cum laude

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2009-2013	<i>Laurea triennale in Matematica</i> at Università degli studi di Torino
FINAL GRADE	100/110
2004-2009	<i>Diploma di Liceo Classico</i> at Liceo Classico Statale Vittorio Alfieri di Torino
SCORE	84/100

TALKS **22.12.2015** I held the seminar *Quotients of Projective Fraïssé Limits* at the Fifth Welcome home workshop in Turin.

6.11.2015 I held the seminar *Quotients of Projective Fraïssé Limits* at Université de Lausanne.

02.12.2014 I organised and attended the seminar *Topos Theory: the bridge technique* by Anna Carla Russo as part of the SLAP cycle of seminars at Università di Pisa.

14.05.2014 I held the seminar: *L'Omega di Chaitin nella Teoria Algoritmica dell'Informazione* as part of the SLAP cycle of seminars at Università di Pisa.

ACADEMIC INTERESTS Mathematical Logic, Set Theory, Descriptive Set Theory.

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Computer Skills

EXCELLENT Python, Mathematica, LaTeX, Processing, Excel, Geogebra, Arduino.

GOOD Matlab, C++, php, html, javascript, lisp, R.

Interests

I'm a member of the Swiss Graduate Society for Logic and Philosophy of Science (<http://sgslps.ch>) and I have organised the spring 2017 semestral meeting of the Society on "Borel Reducibility of Equivalence Relations".

I am a member of the association for the popularization of mathematics **MaDE@DM** (<http://madeatdm.phc.unipi.it/>). Among many projects, I have designed a 3D videogame as part of a project on perspective and projective geometry for *Scienza?..Al Dini!* (<http://www.liceodini.it/scienza-al-dini/>).

Between November 2014 and October 2015 I've been a students representative in the *Consiglio Aggregato dei Corsi di Studio in Matematica* and I sat in many committees.

I have a strong interest in electronics. I have engineered a smart alarm clock that wakes one up by opening the windows and an immersion circulator for the *sous-vide* cooking technique.

I enjoy rock climbing, running and playing chess, as well as cooking.