

Fabio Mascherpa

Born Trento (Italy), June 5, 1991

Email fabio.mascherpa@uni-ulm.de

Education

2015 – MSc in Theoretical and Computational Physics, University of Trento

Final grade: 110/110 *cum laude*
Thesis title: “A non-perturbative field-theoretical approach to quantum transport in macromolecules”
Supervisor: Pietro Faccioli
Erasmus: Academic year 2013–2014 at Imperial College London (62 ECTS)
Extra-curricular modules: Statistical Field Theory (6 ECTS)
Foundations of Quantum Mechanics (6 ECTS)
Quantum Electrodynamics (6 ECTS)
Cosmology (6 ECTS)

2014 – Imperial College International Diploma, Imperial College London

Awarded for completing at least 60 ECTS in one year as a foreign student at Imperial College London, with an average mark of at least 50%.

2013 – BSc in Physics, University of Trento

Final grade: 110/110
Thesis title: “Unimodular gravity”
Supervisor: Sergio Zerbini

2010 – High school diploma, Liceo Classico G. Prati, Trento

Final grade: 100/100 *cum laude*

Computing Skills

Basic: Python, Mathematica
Good: GNU-Linux, C, L^AT_EX, Office

Languages

Mother tongue: Italian, German
Proficient User: English
Basic understanding: Spanish, French

Other skills and interests

Music: Guitar, French horn, singing, musical theory
Dancing: Jazz and swing
Travelling

Publications

- [1] S. a Beccara, F. Mascherpa, E. Schneider, and P. Faccioli. “Quantum Propagation of Electronic Excitations in Macromolecules: A Computationally Efficient Multi-Scale Approach”. 2016. URL: <http://arXiv:1511.07802>.