Elena Di Lavore

Born in Milano, Italy, 13/08/1995

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August 15, 2019

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Education

University of Oxford United Kingdom
MSc in Mathematics and Foundations of Computer Science *2018 - 2019*

- Thesis: Subgame perfection in compositional game theory
  Supervisors: Dr Julian Hedges, Dr Jamie Vicary
- Mark: merit
- Courses:

Categories, proofs and processes	Quantum computer science
Categorical quantum mechanics	Graph theory
Axiomatic set theory	Lambda calculus and types
Computational number theory	

Università di Pisa Italy
BSc in Mathematics *2017 - 2018*

- Thesis: Data-driven Estimation for Nash Equilibria
  Supervisor: Professor Giancarlo Bigi
- Mark: 110 cum laude / 110
- Courses:

Arithmetic	Elements of set theory
Experimental laboratory of computational mathematics	Physics 3
Geometry 2	Algebra 1
Mathematical logic	Game theory

Politecnico di Milano Italy
BSc in Mathematical Engineering *2014 - 2017*

- Thesis: Floquet Theory Applied to a Perturbed Wave Equation
  Supervisor: Professor Gianni Arioli
- Mark: 110 cum laude / 110
- Studies abroad: Erasmus program at Linnaeus University, Växjö, Sweden (August 2016 - January 2017)
- Courses:

Computer science	Mathematical Analysys 1, 2, 3
Chemistry	Experimental physics 1, 2
Business economics and organization	Statistics
Electrical engineering	Linear algebra and geometry
Fundamentals of automatic controls	Probability
Mathematical physics	Numerical mathematics
Advanced analog electronics	P.D.E. analytical and numerical methods
Algorithms and advanced data structures	Functional analysis
Analysis of structures	Models and methods for statistical inference
Algebraic structures 1	

Interests and other skills

Academic interests

– Applied category theory, Compositional game theory

– Attended the conferences SYCO2 (Glasgow, December 2018), SYCO3 (Oxford, March 2019)

Language skills

– Italian: mother tongue

– English: C1

Programming languages

– C, Java: basic knowledge

– MATLAB, R, SQL: basic knowledge

Grants

Best Freshers Award (Politecnico di Milano) 2015

Exemptions for High Academic Performance (Politecnico di Milano) 2015-2017