

ANGELO ENRICO PETRALIA

PERSONAL INFORMATION

Born in Catania, 9 March 1993

email angeloenicopetralia@gmail.com

phone +393346339329

web page <http://www.carloalberto.org/education/master-economics/students/2017-18/angelo-enrico-petralia/>

WORK AND ACADEMIC EXPERIENCES

Jan-Mar 2017 Erasmus student, Queen Mary University of London, School of Mathematical Sciences.

*Queen Mary
University of
London*

Research activity about Complex Networks and Data Analysis.

Aug-Sep 2016 Mediterranean school of Complex Networks, Salina.

*Mediterranean
school of complex
networks*

A two-weeks summer school about Complex Networks and their implementation through a wide range of environments, with a lot of well-known researchers of the field and a relevant team-work needed.

Oct-Maj 2014 Start-up academy

Start-up Academy

Team leader and economic advisor of a group who reached the third place in Start-up academy, a competition for the best business ideas coming from university students of Catania

EDUCATION

2017-Present Collegio Carlo Alberto, Turin

*Vilfredo Pareto
PHD in
Economics,
scholarship winner.*

Description: Four-year Phd program, Curriculum "Theoretical Economics, Finance and Statistics".

2017 Collegio Carlo Alberto, Turin

*Master of Arts in
Economics,
scholarship winner,
full tuition waiver.*

Description: One-year Master in Economics at Collegio Carlo Alberto, a joint venture of University of Turin and Intesa San Paolo bank. The program has a strong mathematical design in each course: Microeconomics, Econometric Theory I, Optimization for Economics, Political Economics, Macroeconomics, General Equilibrium Theory, Dynamic Macroeconomics, Game Theory, Financial Economics and Econometric Theory II. Admitted to the program with full scholarship and full tuition waiver.

2014 – 2016 University of Catania

*Master degree of
Corporate Finance*

Final grade: 110\110 *cum laude*

Thesis: *Learning Spaces, Complex Networks and Nap-preferences.*

Description : In my master thesis I studied the main properties of Learning Spaces, mathematical structures describing in some way the dynamics of individuals knowledge over the time; I tried to test some of these properties in other environments such preferences and complex networks, deriving a nice algorithm.

2011 – 2014 University of Catania

*Bachelor of
Business
Economics*

Final grade: 110\110 *cum laude*

Thesis: *Necessary and Possible Preferences: theoretical aspects and application to individual choice.*

Description: My bachelor thesis focused on the analysis of a new type of preference, the Necessary and Possible preference, and choices rationalization, with an implementation of a Python program that retrieves some suitable choice functions.

2011 – 2018t Scuola Superiore di Catania

*Attendance Scuola
Superiore di
Catania*

Description: Beside my standard university program, I was admitted to the *Scuola Superiore di Catania*, a higher education centre of the University of Catania conceived in 1998 to select the best young minds and offer them a course of studies including analysis, research and experimentation. The selection is made through a public competition and each year only 20 students are admitted. I attended and passed additional courses chosen in agreement with other students of the school, due to a common academic interest, from philosophical and literature subjects to those related to economics and mathematics. As a student of the school I was also involved in workshops and recurring seminars often held by notable speakers.

2006 – 2011 Liceo classico "M.Cutelli"

*Liceo classico
"M.Cutelli"*

Final grade: 100\100

Description: High school specializing in classical studies.

RESEARCH INTERESTS

<i>Decision theory</i>	Preference relations, choice functions, utility functions.
<i>Economics and Finance Statistics</i>	Microeconomics, game theory. Microeconometrics, statistical models for finance, stochastic processes, complex networks.
<i>Mathematics</i>	Algebra, topology, measure theory.
<i>Data Analysis</i>	Data correlations, fittings, entropy and exponential laws.

PROFESSIONAL SKILLS

<i>Corporate Finance</i>	Business valuation and Financial planning.
<i>Finance</i>	Risk management and portfolio strategies.
<i>Data science</i>	Data analysis programming.
<i>Accounting</i>	Financial Accounting.

COMPUTER SKILLS

<i>Basic</i>	Html.
<i>Intermediate</i>	Python, Netlogo, Matlab
<i>Advanced</i>	L ^A T _E X, R, Gretl, Stata, Excel, Mathematica.

OTHER INFORMATION

<i>Communication and managerial Skills</i>	2015 · Poster presentation at the course of "Economic Psychology" at Scuola Superiore of Catania, held by Prof. Kirchler, from University of Vienna. 2014 · Very good communication and managerial skills developed in the teamwork of Startup academy.
----------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Languages

ITALIAN · Mothertongue
ENGLISH · Speaking: C1. Writing: B2
GERMAN · Speaking: A2. Writing: A2
SPANISH · Speaking: A1. Writing: A1
ANCIENT
GREEK · Speaking: \. Writing: B2
LATIN · Speaking: \. Writing: B2

Interests

Reading · Movies · Basketball · Swimming.

September 27, 2018