



Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Cavalli Benedetta

Via delle Camelie 8, 02010, Rieti, Italy

+39 0746 607142 Mobile: +39 3209268528

benedetta.cav@gmail.com

Italian

November 28, 1993



Education and training

Dates

Title of future qualification

Principal subjects/occupational skills covered

Name and type of organization providing education and training

September 2017 -

Phd in Mathematics

I am currently a Phd student under the supervision of Professor Jean Bertoin. My research interests are probability, random processes, Lévy processes, growth-fragmentation processes and stochastic calculus.

Zurich Graduate School in Mathematics, ETH Zurich and University of Zurich

Dates

Title of qualification awarded

Principal subjects/occupational skills covered

September 2012-July 2017

Scholarship at "Lamaro Pozzani" College

"University College "Lamaro Pozzani" has been founded in 1971 by Federazione Nazionale dei Cavalieri del Lavoro in Rome. The aim is to contribute to the education of young people capable of reaching positions of responsibility in today's society. The College, which is situated in Rome, is home to 70 students from all over Italy. These young people are selected each year after a series of demanding tests and interviews."

Dates

Title of qualification awarded

Principal subjects/occupational skills covered

September 2015 - July 2017

Master Degree in Mathematics (110/110 cum laude)

In my Master Thesis, I approached an original work, investigating existence and uniqueness (or non-uniqueness) of quasi invariant measures for some classes of killed Markov Processes, under the supervision of Prof. Mauro Mariani.

Name and type of organization providing education and training

Università degli studi di Roma 'La Sapienza'

Dates

Title of future qualification

Name and type of organization providing education and training

September 2014 - March 2015

Bachelor Degree in Mathematics - ERASMUS semester program

Ruprecht-Karls-Universität Heidelberg

Dates

Title of qualification awarded

Principal subjects/occupational skills covered

September 2012 - July 2015

Bachelor Degree in Mathematics (110/110 cum laude)

Thesis title: 'Dynamical billiards: some aspects'. Principal subjects covered throughout the years: geometry, algebra, dynamical systems, analysis, probability

Name and type of organization providing education and training

Università degli studi di Roma 'La Sapienza'

Dates

September 2007 - July 2012

Title of qualification awarded

High school diploma (100/100 cum laude)

Name and type of organization providing education and training

Liceo Scientifico Statale Carlo Jucci (Rieti, Italia)

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

English, German, French, Spanish

*Self-assessment
European level^(*)*

English
German
French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
A2	A2	A2	A2	A2
A2	A2	A2	A2	A2

^(*) Common European Framework of Reference (CEF) level

Social skills and competences

Good experience on group and project management and leading.

Organizational skills and competences

Good attention for problem solving of different nature with a scientific approach to the issue. Skills in deterministic and stochastic modeling via data analysis.

Computer skills and competences

Competent with most Microsoft Office programs. Good knowledge of programming language as C++, MATLAB and R.

Talks

Some aspects of dynamical billiards, Summer School in Mathematical Physics, Ravello, 14 September 2016

Conferences and Schools

National Research University Higher School of Economics, Moscow, 15-22 December 2018.

Summer School in Mathematical Physics, Ravello, 05-17 September 2016.

Stage Senior for Mathematical Olympiads, Pisa, September 2011.

Honors and awards

"Ermenegildo Zegna Founder's Scholarship", Ermenegildo Zegna Group, 2017.

"Percorso di eccellenza" (advanced courses) during the Master Degree, "Sapienza" University of Rome, 2016.

"Percorso di eccellenza" (advanced courses) during the Bachelor Degree, "Sapienza" University of Rome, 2014.

Additional information

“Premio Jucci” as best student of the year, Liceo Scientifico Carlo Jucci, 2012

“Honor Mention”, National Mathematical Olympiads, Cesenatico, 2012

“Bronze medal”, National Mathematical Olympiads, Cesenatico, 2011

“Bronze medal”, National Mathematical Olympiads, Cesenatico, 2010

Personal interests

Chess, Musics, Movies, Sports