

## Personal information

Surname(s) / First name(s)

**Mimun, Hlafo Alfie**

Email(s)

mimun@mat.uniroma1.it

Nationality(-ies)

Italian

Date of birth

May 21, 1992

Gender

Male

## Education and formation

Date (from)

November 2016

Name and type of institute of  
education and formation

University of Rome "Sapienza" (Rome, Italy)

Qualification

Phd Student in Mathematics

Advisor

Alessandra Faggionato (University of Rome "Sapienza")

Date (from-to)

September 2014 - July 18, 2016

Name and type of institute of  
education and formation

University of Rome "Sapienza" (Rome, Italy)

Principal professional  
subjects/skills under study

Thesis: Dimension reduction for discrete disordered elastic systems: a case study

Qualification achieved

Master Degree in Applied Mathematics (honours degree)

Advisor

Adriana Garroni (University of Rome "Sapienza") and Marco Cicalese (Technische Universität München)

Date (from - to)

September 2011 - July 22, 2014

Name and type of institute of  
education and formation

University of Rome "Sapienza" (Rome, Italy)

Principal professional  
subjects/skills under study

Thesis: Boltzmann-Grad limit

Qualification achieved

Bachelor Degree in Mathematics (honours degree)

Advisor

Dario Benedetto (University of Rome "Sapienza")

Date (from - to)

September 2005 - July 2011

Name and type of institute of  
education and formation

State high school "Maria Montessori" (Rome, Italy)

Qualification achieved

Scientific (PNI) school-leaving certificate

## Research interests

Probability, statistical mechanics, mathematical physics, disordered systems, complex networks, variational problems.

## Skills and personal competences

Mother tongue(s)

Other languages

*Self-assessment  
European level<sup>(\*)</sup>*

**English**

**German**

**French**

### Italian

English, German, French. I have basic knowledge of Hebrew.

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user
A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user
A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

## Skills and technical competences

Good knowledge of computer programs (Office). Good knowledge of the following programming languages: C, C++, Fortran, Matlab, Latex. Some knowledge about HTML.

## Awards

Scholarships

Winner of Elfer's scholarships in 2015.

Prizes

Honoured as excellent graduate by the University of Rome "Sapienza" in 2016.

Advanced Courses

I attended advanced courses during the bachelor and master program.

## Publications

A. Faggionato, H. A. Mimun. *Connection probabilities in Poisson random graphs with uniformly bounded edges*. Preprint arXiv:1712.07016 (2017). To appear in ALEA.

## Experiences abroad

Erasmus

During the last semester of the master program (March 2016- June 2016) I have taken part in the Erasmus project. I have been in Munich (Germany) in order to write my master thesis.

## Seminars

*“Sharp phase transition for clusters with high conductivity in the Miller-Abrahams random resistor network”*, Padua, 3/7/2018.

*“Dimension reduction for discrete disordered elastic systems: a case study”*, Rome, 21/11/2016.

## Schools and conferences

*Advances in Statistical Mechanics*, at the Cirm in Marseille, France (27/8/2018-31/8/2018).

*48th Probability Summer School Saint-Flour*, France (8-20/07/2018).

*IST Austria Summer School in Probability and Mathematical Physics* at the Institute of Science and Technology Austria (IST Austria), Austria (4-8/06/2018).

*Thermodynamics and Statistical Mechanics of Small Systems* at the University of Rome “Sapienza”, Italy (18-20/09/2017).

*Ninth summer school in analysis and applied mathematics* at the University of Rome “Sapienza”, Italy (5-9/06/2017).

*Pre-school on stochastic dynamics out of equilibrium* at the Cirm in Marseille, France (3/4/2017-7/4/2017).

## Teaching

2018/2019: Tutor for the course “Mathematics” of the bachelor program in “Management and Computer Science” at the University of Rome “LUISS”.

2017/2018: Tutor for the course “Probability application in finance” of the master program in “Economy and finance” at the University of Rome “LUISS”.

2017/2018: Tutor for the courses “Geometry” and “Analysis I” of the bachelor program in Civil and Industrial Engineering at the University of Rome “Sapienza”.

2016/2017: Tutor for the remedial courses “Linear Algebra” and “Calculus I” of the bachelor program in “Mathematics” at the University of Rome “Sapienza”.