

# Luca FENZI

Mathematician with a PhD in Engineering Science,  
Expert in Computational Mathematics.

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Born on 24 Feb 1991, Italian

## Education

**KU Leuven** (Belgium)

Feb 2020

PhD in Engineering Science, Computer Science

Section of Numerical Analysis and Applied Mathematics. [Info](#).

**University of Udine** (Italy)

2009 – 2015

Student of “Scuola Superiore”

Institution for excellence education besides the university, covering student fees and providing residence.

Admitted students follow additional courses and are examined twice a year. [Info](#).

Dec 2015

Master in Mathematics

Grade 110/110 with honors, weighted average 29.7/30.

Six months in Erasmus at NTNU (Norwegian University of Science and Technology, Trondheim, Norway).

Oct 2013

Bachelor in Mathematics

Grade 110/110 with honors, weighted average 28.6/30.

## Experience

2015–2020

Researcher in Mathematical Engineer at KU Leuven (Belgium)

- 5 scientific publications in Computational Mathematics; Numerical Simulation and Analysis; Uncertainty Quantification (Statistics and Probability); Optimization and Control Theory. [Google Scholar](#).

- Teaching Assistant of the master courses “Optimization” and “Numerical Linear Algebra”.

- PhD training courses in Machine Learning; Statistics; and Effective Communication (soft skills).

2017–present

Organizer and promoter of scientific seminars and industry-academia meetings

In the executive board of “Society of Industrial and Applied Mathematics (SIAM) student chapter KU Leuven” (2017–2020, [info](#)); and of “Scuola Superiore Alumni Association” (2019–present).

2011–2014

Elected member in several executive boards

Academic Senate; Italian Network of Excellent Universities; Mathematics & Computer Science Department.

2007–2015

Summer jobs

Raft guide; River kayak trainer; waiter, and technician at events, conventions and exhibition.

## Informatics

Proficient

Matlab, R,  $\LaTeX$ , Lightroom

Competent

HTML, Office Package

## Languages

Italian

Native language

English

Excellent command daily work usage, and several advances courses (C1 CEFR)

## Awards

Feb 2019

Datathon Competition of Data Analysis; Best pitch and Second-best PhD team

Oct 2016

Giulio Chiesi memorial price Best master thesis with engineering applications

June 2016

Best graduate student in Mathematics

## Other

Sports

River kayak; Mountaineering; Cycling; Running

Hobbies

Travel; Digital and analog photography