

# Sara Sottile

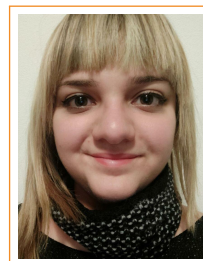
*PhD student*

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Date of birth: 10/09/1995



## Education

- Nov 2019 - Present **University of Trento**, *PhD in Mathematics*.  
Trento (IT) Research fellowship in "mathematical models of epidemics"  
Supervisor: Prof. Andrea Pugliese
- Oct 2017 - Jul 2019 **University of Turin**, *MSc in Mathematics*, Modellistic Curriculum.  
Turin (IT) Thesis: "Epidemic Models: a Switch Control for Networks"  
Supervisor: Prof. Lorenzo Fatibene; co-supervisor: Prof. Xinzhi Liu  
Grade: 110/110 cum Laude
- Jan - Apr 2019 **University of Waterloo**, *MSc in Applied Mathematics*, Exchange Program.  
Waterloo (CA) GPA: 86/100
- Sep 2014 - Oct 2017 **University of Bari "A. Moro"**, *BSc in Mathematics*.  
Bari (IT) Thesis: "About Constitutive Equations in Thermodynamics"  
Supervisor: Prof. Arcangelo Labianca  
Grade: 107/110
- Sep 2009 - Jul 2014 **High School "A. Volta"**, *Scientific High School Diploma*.  
Foggia (IT) Grade: 100/100

## Experience

- Nov - Dec 2018 **Administration activities**, *Research Area of School of Science of Nature*, Turin (IT).
- Sep 29, 2017 **Scientific Entertainer**, *European Researchers' Night 2017*, Bari (IT).
- Sep 2012) **Business Administration Intern at Regus**, *Internship*, London (UK).

## Languages

- Mother tongue Italian
- Other languages English (B2), Spanish (A2)

## IT Skills

- Programming MATLAB, Python, R, C/C++, Maple, XPPAUT, HTML
- Operative Systems Windows, Linux
- Softwares LaTeX, Word, Excel, PowerPoint

## Certificates

- Jun 2018 **English IELTS Academic**, Band Score 6.5 (CEFR Level B2).
- Jun 2009 **ECDL Certification**, European Computer Driving Licence.

## Participations

- Poster **Sottile S.**, "*Time-varying epidemic transmission in heterogeneous networks*", presented at: 11th Conference on Dynamical Systems Applied to Biology and Natural Sciences DSABNS, 4-7 February 2020; Trento, Italy.