



Francesca Toni

Curriculum Vitae

Personal information

Place and date of birth Sassuolo (Italy), March 31, 2001
Citizenship Italian
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Education

November 2025– **PhD in Mathematics**, *Univeristà degli Studi di Modena e Reggio Emilia*, Modena,
Supervisor: Cristian Giardinà
Present Co-Supervisors: Remco van der Hofstad, Claudio Giberti
September 2023–July 2025 **Master degree (Laurea Magistrale) in Mathematics**, *Università degli Studi di Modena e Reggio Emilia*, Modena, 110/110 cum laude
Thesis: Annealed spherical model on random graphs
September 2020–July 2023 **Bachelor degree (Laurea Triennale) in Mathematics**, *Università degli Studi di Modena e Reggio Emilia*, Modena, 110/110 cum laude
Thesis: Teorie perturbative in meccanica classica
July 2020 **Maturità scientifica (scienze applicate)**, *I.I.S. Alessandro Volta*, Sassuolo, 100/100

Conferences attended

31-4 September 2026 Random Interacting Systems (RIS) StatMech Summer School 2026, *Padova*
Poster presentation
18-30 January 2026 Doctoral Colloquium on Risk Analytics: NETWORKS AND RISK PROPAGATION, *Venezia*
1-5 September 2025 XIII Brazilian-Italian Workshop in Nonlinear Differential Equations, *Modena*
Invitation for Poster presentation

- 21-25 July 2025 NESP 2025 Workshop on Non-equilibrium statistical physics: mathematical and physical advances
- 23-27 June 2025 YEPXX Workshop on Interacting Particle Systems on Random Structures, EURANDOM,
Poster presentation
- 3-5 June 2025 Workshop on Integrable Systems, *Modena*

Awards

- 2025 Travel grant for poster presentation at YEPXX
- 2023 Top student Unimore (Master degree), merit-based grant for students graduating with a perfect Bachelor's degree score
- 2021 XXXIVesima edizione "Premio Lucchese", scholarship for high school graduates from IIS "A. Volta" with a perfect grades (Ing. G. Lucchese Foundation, Sassuolo)
- 2020 Top student Unimore (Bachelor degree), merit-based grant for incoming undergraduates with a perfect Maturità score

Research visit

- Institution **Eindhoven University of Technology (TU/e)**, Eindhoven, The Netherlands
- Periods from 18th April to 17th July (13 weeks)
with Prof. Remco van der Hofstad

Languages

- Italian Mothertongue
- English B2 - Upper Intermediate