

# Samuele Biscaro

## Curriculum Vitae

### Education

- 2024–present **Master degree in Mathematics**, *Università di Pisa*  
Expected graduation: *Summer 2026*.  
Current GPA: *30/30*.
- 2021–present **Degree in Mathematics**, *Scuola Normale Superiore (SNS)*, Pisa  
University institute of higher education admitting 32 pure-science students every year.  
Expected graduation: *2026*.
- 2025–present **SEMP Exchange**, *University of Zürich*, Zurich, Switzerland  
Exchange student at UZH, following courses also at ETH  
Expected ending: *February 2026*.
- 2021–2024 **Bachelor degree in Mathematics**, *Università di Pisa*  
Thesis title: *A Non-commutative Extension of the Sewing Lemma with Applications to Quantum Mechanics*  
Supervisor: *Prof. Dario Trevisan*  
Final Grade: *110/110 cum laude*.
- 2016–2021 **Diploma of “Esame di Stato”**, *Liceo Scientifico “Leonardo da Vinci”*, Treviso  
Applied sciences curriculum,  
Final grade: *100/100*.

### Experience

- 2025 **Teaching assistant for the Vorkurs**, *University of Zürich*, Zurich  
Held exercise classes during the Vorkurs, a week of pre-university preparation aimed at future mathematics or physics students. Translation of all the materials from German to Italian.
- 2024–present **Peer Tutoring**, *SNS and Università di Pisa*, Pisa  
Support and tutoring to both matriculated students and those enrolled in subsequent years.
- 2024–present **High School Tutoring**, *Scuola Normale Superiore (SNS)*, Pisa  
Support and tutoring to students at the Liceo “Galilei” in Pisa, offering help to students especially in scientific subjects.
- 2023–present **Outreach Assistant**, *Scuola Normale Superiore (SNS)*, Pisa  
Conduct presentations at high schools to promote the SNS, engage with students to provide information and guidance about SNS programs.

### Conferences

- Sep 2025 **Young Researchers in Stochastic Analysis and Stochastic Geometric Analysis**, *EPFL*, Lausanne, Switzerland
- Jun 2025 **Stochastic bridges: From Avon to Arno**, *Università di Pisa*, Pisa, Italy
- Feb 2025 **Winter School on Geometric Flows and Evolution Equations in Geometric Analysis**, *Sapienza*, Rome, Italy

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## Honors

2025–2026 **Heyning-Roelli Foundation Scholarship**

An excellence scholarship awarded to economically disadvantaged students, who are doing an exchange in Switzerland.

2021–present **Full scholarship by Scuola Normale Superiore**

The scholarship provides free room and board and requires taking extra courses, holding seminars on studied topics and maintaining a GPA higher than 27/30.

### Science competitions

2020 Mathematics Olympiads - third place provincial phase.

2020 Physics Olympiads - first place provincial phase.

2019 Physics Olympiads - third place provincial phase.

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## Skills

Programming C++, JAVA, HTML, JavaScript,  $\LaTeX$ .

Languages Italian (Mother tongue), English (Fluent), German (Basic), French (Basic).