PERSONAL INFORMATION

Lorenzo Facciaroni

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EDUCATION

2024 – present — **PhD of Statistical Sciences**

Sapienza University od Rome - Department of Statistics

Focus on non-Markovian random processes and anomalous diffusions

2022-2024 — **Master of Actuarial and financial sciences**

Sapienza University od Rome - Department of Statistics

Thesis: On some stochastic processes governed by non-local equations

Advisor: Costantino Ricciuti

Co-advisor: Enrico Scalas

2019-2022 — **Bachelor of Statistical Sciences**

Sapienza University od Rome - Department of Statistics

Thesis: Stochastic integration on Hilbert spaces, Girsanov's theorem and changes of measure

Advisor: Alessandro De Gregorio

PUBLICATIONS

Facciaroni, L., Ricciuti, C., Scalas, E., Toaldo, B. On some Lorentz model approximated by non-Markovian random flights and anomalous diffusions. In preparation

Facciaroni, L., Ricciuti, C., Scalas, E., Toaldo, B. (2025) Para-Markov chains and related non-local equations. Fractional Calculus and Applied Analysis,

Facciaroni, L., Gambini, A., & Mazza, L. (2023). *The difficulties in geometry: A quantitative analysis based on results of mathematics competitions in Italy*. European Journal of Science and Mathematics Education, 11(2), 259-270.

WORK EXPERIENCE

September 2021 – Present — Teaching assistant

Responsible for the exercises of the courses of Linear Algebra, Mathematical Analysis I and II.

PERSONAL SKILLS

Mother tongue — Italian

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

English

Software — – R, c, Matlab, Python, SAS,