Francesco Mattesini

Curriculum Vitae

Einsteinstrasse 62
Münster, 48149, Germany
☎ *+49 251 83-33770*
FAX *+49 251 83-32712*
✉ *francesco.mattesini@uni-muenster.de*

Current Occupation

November 2020–Present — **Phd Student**, *Westfälische Wilhelms-Universität Münster and Max Planck Institute for Mathematics in the Sciences*.
Funded by the DFG via the priority programme SPP 2265 Random Geometric Systems
Supervisors: Prof. Martin Huesmann and Prof. Felix Otto

Education

2018–2020 — **Master's Degree in Mathematics**, *Università di Pisa*, Pisa.
Final dissertation title: "Asymptotics of Transportation Cost for Occupation Measures of Fractional Brownian Motion", supervised by Prof. Dario Trevisan and Prof. Martin Huesmann

2015–2018 — **Bachelor's Degree in Mathematics**, *Università di Pisa*, Pisa.
Final dissertation title: "Regularity problems for Young Differential Equations", supervised by Prof. Dario Trevisan

Summer/Winter schools

June 2022 — **PIMS- IFDS- NSF Summer School on Optimal Transport**, *University of Washington*, Seattle.

February 2021 — **Winterschool on Analysis and Applied Mathematics**, *University of Münster*, Münster (Online).

Talks

September 2022 (Upcoming) — **Wasserstein asymptotics for the empirical meeasure of fractional Brownian motion**, *Optimal Transport and Uncertainty*, Università degli studi di Napoli Federico II, Napoli.

June 2022 (Upcoming) — **There is no stationary cyclically monotone Poisson matching in 2d**, *PIMS- IFDS- NSF Summer School on Optimal Transport*, University of Washington, Seattle.

June 2022 — **There is no stationary cyclically monotone Poisson matching in 2d**, *Third Italian Meeting on Probability and Mathematical Statistics*, Unversità di Bologna, Bologna.

March 2022 — **There is no stationary cyclically monotone Poisson matching in 2d**, *Stochastic mass transports*, Banff International Research Station, Banff (Online).

November 2021 — **There is no stationary cyclically monotone Poisson matching in 2d**, *Optimal Transport and Uncertainty*, Università di Pisa, Pisa.

October 2021 — **Asymptotics of transportation cost for the occupation measure of fractional Brownian motion**, *AG Seminar*, Max Planck Institute, Leipzig.

September 2021 **There is no stationary cyclically monotone Poisson matching in 2d**, *DMV-ÖMG Jahrestagung 2021*, Passau (Online).

September 2021 **Asymptotics of transportation cost for the occupation measure of fractional Brownian motion**, *GPSD Mannheim*, Mannheim (Online), Prerecorded Talk.

December 2020 **Asymptotic Convergence of Occupation Measures of Fractional Brownian motion**, *Oberseminar*, Münster.

Research Stays

November 2022 **Università degli studi di Pisa**, *Pisa*, 22-26 November 2022.
Host: Prof. Dario Trevisan

Preprints

[HMO21] Martin Huesmann, Francesco Mattesini, and Felix Otto. There is no stationary cyclically monotone poisson matching in 2d, 2021. URL: https://arxiv.org/abs/2109.13590, doi:10.48550/ARXIV.2109.13590.

[HMT22] Martin Huesmann, Francesco Mattesini, and Dario Trevisan. Wasserstein asymptotics for the empirical measure of fractional brownian motion on a flat torus, 2022. URL: https://arxiv.org/abs/2205.01025, doi:10.48550/ARXIV.2205.01025.