

Tommaso Di Francesco

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Education

- 2021 – present PhD Candidate in Economics
Universiteit van Amsterdam & Universita' Ca'Foscari Venezia
Supervisors: Prof. Cars Hommes and Prof. Paolo Pellizzari
- 2017 – 2020 Master's Degree in Economics and Finance
Universita' Ca'Foscari Venezia
Thesis: "Italian Uncertainty, a Twitter Based Analysis"
- 2013 – 2017 Bachelor's Degree in Economics and Management
Università di Roma Tor Vergata
Thesis: "Il declino economico dell'Italia, il caso della grande impresa."

Research

Working Papers

Sentiment-Driven Speculation in Financial Markets with Heterogeneous Beliefs: a Machine Learning approach (2023).

With Cars Hommes, Epoc Working Paper, [Link](#)

Work in Progress

(Mis)information diffusion and the financial market.

With Daniel Torren Peraire

Teaching assistance

- 2022 Optimization (Unive, PhD, MSc) with Prof. Paola Ferretti
- 2019 Optimization (Unive, PhD, MSc) with Prof. Paola Ferretti
- 2019 Financial Mathematics (Unive, BSc) with Prof. Simone Righi
- 2019 Mathematics (Unive, BSc) with Prof. Marta Cardin

Work Experience

- 2020 – 2021 Financial Consultant
Ernst&Young – Milan
- 2019 – 2020 Research Assistant
Centro Vera - Universita' Ca'Foscari Venezia

Seminars and Conferences

- 2023 [AMASES 2023]. XLVII Annual Meeting of the Italian Association for Mathematics Applied to Social and Economic Sciences. *University of Milano Bicocca, Milan 20-22 Sep*
- [CEF 2023]. 29th International Conference Computing in Economics and Finance. *Université Côte d'Azur, Nice 3-6 July*

[WEHIA 2023]. 26th Annual Workshop on Economic Science with Heterogeneous Interacting Agents. *University of Primorska, Koper 22-24 June*

2nd year PhD workshop in Padua. *University of Padua, Padua 19 June*

Internal Seminar Department of Economics. *Ca'Foscari University of Venice, Venice 24 May*

2022 1st EPOC Jamboree. *Universitat Autònoma de Barcelona, Barcelona 28-30 Sep*

CeNDEF Lunch Seminar. *University of Amsterdam, Amsterdam 24 May*

PhD Lunch Seminar. *University of Amsterdam, Amsterdam 17 May*

Additional Education

2022 Summer School “Machine Learning for Macroeconomics”. Instructor: Jesús Fernández-Villaverde. *University of Oxford, Oxford 13-15 June*

2021 Summer School “Behavioral Macro and Complexity”. Instructor: Cars Hommes. *Tinbergen Institute, Amsterdam 23-27 Aug*

Skills

Programming *Python, Julia, LaTeX, Office*

Languages *English, Italian*