Sofonias Alemu Korsaye

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Contact Information

Carey Business School
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Position

Assistant Professor of Finance (tenure track)

Research Focus

Theoretical and Empirical Asset Pricing, Machine Learning, and Financial Econometrics

Education

Ph.D. in Finance, **Swiss Finance Institute**, 2023

M.Sc. in Finance and Banking (*cum laude*), **University of Rome Tor Vergata**, 2016

B.A. in Mathematics, **University of Rome Tor Vergata**, 2014

Academic Visits

Visiting Ph.D. Student, **Booth School of Business, University of Chicago**, 2022

Published Papers

The Global Factor Structure of Exchange Rates
(with Fabio Trojani and Andrea Vedolin)
Journal of Financial Economics: (Editor's Choice JFE)

Working Papers

Investor Beliefs and Market Frictions
The Brattle Group Ph.D. candidate award for outstanding research

Smart Stochastic Discount Factors
(with Alberto Quaini and Fabio Trojani)

Presentations

2023: University of Geneva, Johns Hopkins Carey Business School, Olin Business School, Goizueta Business School, UNC Kenan-Flagler Business School, University of Zurich, Rotman School of Management, Imperial College Business School, INSEAD, The Desautels Faculty of Management, Kellogg School of Management, Carlson School of Management, Questrom School of Business, Western Finance Association Annual Conference. Financial Econometrics meets Machine Learning, Erasmus School of Economics.
2022: Chicago Booth Brownbag Seminar.
2021: 13th International Conference on Computational and Financial Econometrics, London, England. Econometric Research in Finance Workshop, Warsaw, Poland. Society for Economic Dynamics Annual Meeting, Minneapolis, USA. Midwest Finance Association Annual Meeting. 2nd Frontiers of Factor Investing Conference, Lancaster, England.
2020: XXI Workshop on Quantitative Finance, Naples, Italy. SFI Research days, Gherzensee, Switzerland. 7th Asset Pricing Workshop Centre for Applied Macro-Finance, York, England. Paris December Finance Meeting, France. Econometric Society World Congress, Milan, Italy.
2019: Annual SoFiE conference Shanghai, China. SFI Research days Gherzensee, Switzerland. OSE Lab, Chicago, USA. Annual Mathematical Finance Congress, Vienna, Austria. Workshop on Big Data JRC, Ispra, Italy.

Referee Activity *The Journal of Finance, Review of Financial Studies, Review of Finance, Journal of Econometrics, Management Science*

Scholarships & Awards The Brattle Group Ph.D. candidate award for outstanding research 2023. Swiss National Science Doc Mobility grant 2022, AFA Ph.D. student grant 2020, Open Source Economics grant 2019, and M.Sc in Finance and Banking award for merit 2016

Teaching Experience

Collegio Carlo Alberto – University of Turin *Foundations of Data Science (2022)*

University of Lugano *Data Science and Convex Optimization Methods for Empirical Finance (2021)*

Swiss Finance Institute *Convex Optimization and Machine Learning Applications (2020)*

Programming Skills Python, Matlab, C, C++

Language Skills English (advanced), Italian (native), and Amharic (native)

Nationality Ethiopian

References

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