Mathis Mörke

Curriculum Vitae

ESCP Business School
8 Av. de la Porte de Champerret
75017 Paris, France
E-Mail: mmoerke@escp.eu
Web: mathismoerke.com
Born: Gütersloh, Germany

Academic Employment

ESCP Business School Paris, France — Sep. 2025 - present
Assistant Professor of Finance (tenure-track)

University of St.Gallen, Switzerland — Nov. 2022 - Aug. 2025
International Postdoctoral Fellowship

Education

University of St.Gallen, Switzerland — Aug. 2017 - Feb. 2023
PhD in Finance (summa cum laude)
Thesis title: Essays in Derivatives Markets
Committee: Manuel Ammann, Paul Söderlind, Florian Weigert
Research and Teaching Assistant
Supervision of Master and Bachelor theses
Deputy Administrative Lead: Master's Programme in Banking and Finance

Kellogg School of Management, Northwestern University, USA — Oct. 2021 - Mar. 2022
Visiting PhD Student (Host: Torben Andersen)

ETH Zurich and University of Zurich, Switzerland — Sep. 2011 - Jun. 2013
Master of Science in Quantitative Finance

University of Bielefeld, Germany — Apr. 2008 - Mar. 2011
Bachelor of Science in Mathematical Economics
(Wirtschaftsmathematik)

Publications in FT 50 Journals

'Machine Forecast Disagreement' (with Turan G. Bali, Bryan T. Kelly, and Jamil A. Rahman)
Forthcoming at Review of Financial Studies

'A Bayesian Stochastic Discount Factor for the Cross-Section of Individual Equity Options' (with Niclas Kaefer, Florian Weigert, and Tobias Wiest)
Journal of Financial and Quantitative Analysis, 2026, 61(4)

'Option Factor Momentum' (with Niclas Kaefer, and Tobias Wiest)
Journal of Financial and Quantitative Analysis, 2026, 61(1)

'Option Return Predictability with Machine Learning and Big Data' (with Turan G. Bali, Heiner Beckmeyer, and Florian Weigert)
Review of Financial Studies, 2023, 36(9)

Other Peer-Reviewed Publications

'Commodity Tail Risks' (with Manuel Ammann, Marcel Prokopczuk, and Christoph Würsig)
Journal of Futures Markets, 2023, 43(2)

'Credit Variance Risk Premiums' (with Manuel Ammann)
European Financial Management, 2023, 29(4)

Working Paper

'Volatility Disagreement in the Options Market' (with Turan G. Bali, and Bryan T. Kelly)

'In Search of Seasonality in Intraday and Overnight Option Returns' (with Turan G. Bali, Amit Goyal, and Florian Weigert)

'Liquidity Provision to Leveraged ETFs and Equity Options Rebalancing Flows' (with Andrea Barbon, Heiner Beckmeyer, and Andrea Buraschi)

'An Autoencoder Based Factor Model for Option Returns'

Selected Conference Presentations

2026: MFA Annual Meeting; Leibniz University Hannover; Liechtenstein Workshop on AI in Finance; DGF Annual Meeting; 19th Paris Risk Forum; Imperial–Goldman Sachs-CEPR Hedge Fund Conference on Quantitative Investing; 8th Future of Financial Information Conference

2025: Inaugural FutureFinTech Federated Conference Luxembourg; WFA Annual Meeting; SFS Cavalcade North America Annual Meeting; ESCP Paris; Heinrich-Heine University Düsseldorf; Technical University Munich; University of Konstanz; Liverpool 2nd Option Research Workshop

2024: University of Washington 6th Summer Finance Conference; 4th Annual Bristol Financial Markets Conference; 1st Alpine Finance Summit; FMA Asia Pacific; Frontiers of Factor Investing; University of St.Gallen; 2nd Structured Retail Products and Derivatives Conference; SGF; 40th Conference of the French Finance Association; FMA Europe; SFA Annual Meeting; FMA Conference on Derivatives and Volatility; Bernstein Quant Conference; Norwich Business School

2023: Morgan Stanley; University of Konstanz; University of St.Gallen; 36th Australasian Finance and Banking Conference; 1st Elsevier Finance Conference at FGV EBAPE in Rio de Janeiro; Yale School of Management

2022: WFA Annual Meeting; MFA Annual Meeting; 13th Annual Hedge Fund Research Conference Paris; SFI Research Days Phd Session; Frontiers of Factor Investing; Annual Conference - Canadian Derivatives Institute; SFS Cavalcade North America; 14th Annual Hedge Fund Research Conference London; Annual Meeting of the German Academic Association of Business Research; Hull Tactical Asset Allocation; University of Fribourg; University of Liechtenstein; University of Muenster; University of Minnesota; Georgetown University

2021: NFA Annual Meeting; 5th SAFE Market Microstructure Conference; 37th International Conference of the French Finance Association; FMA Annual Meeting; EFMA Annual Meeting; FMA Conference on Derivatives and Volatility; Virtual Derivatives Workshop PhD Session; Finance Research Seminar, University of St.Gallen; Goldman Sachs STS; Morgan Stanley; Société Générale; Bank of America Merrill Lynch; Hull Tactical Asset Allocation; BVI-CFR Workshop

2020: AFA PhD Poster Session; Augustin Cournot Doctoral Workshop (cancelled due to Covid-19)

2019: University of St.Gallen; University of Konstanz; SoFiE Financial Econometrics Summer School; Paris Financial Management Conference; 26th Annual Meeting of the German Finance Association Doctoral Workshop

2018: University of St.Gallen

List includes scheduled and accepted conferences, and discussions.

Grants & Funding

Swiss National Science Foundation PostDoc.Mobility (184'000 CHF; Georgetown University)	2025
International Postdoctoral Fellowship (ca. 245'000 CHF; University of St.Gallen)	2022 - 2025
FT50 Success Fee (5'000 CHF; University of St.Gallen)	2025
FT50 Success Fee (20'000 CHF; University of St.Gallen)	2023
13th Annual Hedge Fund Research Conference Grant	2022
AFA Travel Grant	2019
Studienfonds OWL-Scholarship (limited to max. 2 years), Germany	2009 - 2011

Awards & Prizes

ESCP Business School Emerging Research Award	2026
Nomination for Latsis Price (University of St.Gallen)	2024, 2025
PLEXUS Award for Artificial Intelligence in Finance – Best Dissertation	2024
Best Dissertation in Finance (University of St.Gallen)	2023
Research Prize of the CFA Society Germany	2023

Media

Financial Times	2021
Alpha Architect	2018, 2021, 2022

Teaching Experience

ESCP Business School, Paris — Sep. 2025 - present

Lecture: **Corporate Finance** (Master Level)
- Class size: 2x 60 students

Lecture: **Advanced Option Pricing** (Master Level)
- Class size: 30 students

Lecture: **Stochastic Calculus** (Master Level)
- Class size: 30 students

University of St.Gallen, Switzerland — Aug. 2017 - present

Lecture: **Financial Markets** (Master Level)
- Fall 2023 (joint with Manuel Ammann); Fall 2024 (joint with Vitaly Orlov)
- Class size: 140 students

Lecture: **Derivatives Modeling in Python** (Master Level)
- Spring 2024 - present
- Class size: 20 students

Lecture: **Derivatives Modeling in Excel VBA** (Master Level)
- Spring 2023 (joint with Manuel Ammann)
- Class size: 20 students

Lecture: **Derivatives** (Master Level; joint with Manuel Ammann)
- Spring 2023
- Class size: 50 students

Lecture: **Introduction into R Programming** (Pre-Master Level)

Teaching Assistant:
- *Applied Corporate Valuation* (Bachelor Level; Spring 2022 & 2023)
- *Mergers And Acquisitions* (Master Level; Spring 2020 & 2021)
- *Derivatives Modeling in Excel VBA* (Master Level; Spring 2020 - 2022)
- *Methoden: Statistik* (Bachelor Level; Fall 2019 - present)
- *Derivatives* (Master Level; Spring 2018 - 2022)
- *Topics in Asset Management* (Ph.D. Level; Fall 2018 - 2020)
- *Quantitative Methods* (Master Level; Fall 2019)
- *Financial Markets* (Master Level; Fall 2017)

Executive Education (Fit For Finance and Fit for Alternative Investments)
- Lectures: *Portfolio Theory and CAPM, Structured Products, Derivatives Commodities*

University of Bielefeld, Germany Oct. 2010 - Mar. 2011

Teaching Assistant: **Analysis I** (Bachelor Level)
- Fall 2010
- Class size: 150 students

Academic Service

Refereeing Activity

Review of Financial Studies; Management Science; Journal of Banking & Finance; Journal of Empirical Finance; Journal of Financial Econometrics; Journal of Applied Econometrics; Journal of Futures Markets; Journal of Commodity Markets; Financial Markets and Portfolio Management; European Financial Management

Conference Organization

FMA Annual Meeting 2024 (Reviewer); FMA Asia 2024 (Reviewer); MFA 2023 (Reviewer); Frontiers of Factor Investing 2022 (Session Chair); SGF 2022 (Organization)

Book Reviews

Book Review on **'Adaptive Markets: Financial Evolution at the Speed of Thought'** (Andrew W. Lo), **Financial Markets and Portfolio Management**, 32(4), 2018, pp. 437-439

Book Review on **'Advances in Financial Machine Learning'** (Marcos Lopez de Prado), **Financial Markets and Portfolio Management**, 33, 2019, pp. 491-493

Book Review on **'DeFi and the Future of Finance'** (Campbell R. Harvey, Ashwin Ramachandran, Joey Santoro), **Financial Markets and Portfolio Management**, 37(3), 2023, pp. 347-349

Book Review on **'The Predictive Edge: Outsmart the Market Using Generative AI and ChatGPT in Financial Forecasting'** (Alejandro Lopez-Lira), **Financial Markets and Portfolio Management**, forthcoming

Workshops

SoFiE Financial Econometrics Summer School Shanghai 2019

Econometrics of Derivatives by Torben Andersen and Viktor Todorov

Study Center Gerzensee 2018

Volatility Modeling by Tim Bollerslev

GSERM St.Gallen 2018

Econometrics of Big Data by Victor Chernozhukov and Christian Hansen

Non-Academic Work Experience

Fintegral Consulting AG, Zurich, Switzerland Oct. 2015 - Jun. 2017
Senior Consultant

swissQuant Group AG, Zurich, Switzerland Oct. 2014 - Sep. 2015
Junior Quant Engineer

Vescore Solutions AG, Zurich, Switzerland Apr. 2011 - Sep. 2014
Intern, Working Student and full-time **Quantitative Analyst** in Investment Office

Skill Set

Programming: Python, Matlab, R, SQL
Word Processing: Latex, MS Office
Languages: German (native), English (fluent)