### Christian Westheide

Contact

University of Edinburgh Business School

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ACADEMIC POSITIONS

University of Edinburgh

Senior Lecturer in Finance

January 2025 - present

University of Vienna

Universitätsassistent (postdoc)

September 2018 - December 2024

University of Mannheim

Assistant Professor Postdoctoral Researcher October 2012 - September 2018 October 2010 - September 2012

DFG (German Science Foundation) project on market makers in auction markets

Research Center SAFE, Goethe University Frankfurt

Postdoctoral Researcher in Market Microstructure October 2015 - September 2018

Center for Financial Studies, Frankfurt

Postdoctoral Researcher in Market Microstructure October 2012 - September 2015

VISITING POSITIONS

University of Technology Sydney

Visiting Scholar

July - August 2018

University of Hong Kong

Visiting Scholar

March - April 2015

**PUBLICATIONS** 

Non-Standard Errors. Journal of Finance. 2024, 79(3), 2339–2390 (with Albert Menkveld et al.)

Trader Competition in Fragmented Markets: Liquidity Supply versus Picking-off Risk. Journal of Financial and Quantitative Analysis. 2024, 59(1), 221–248 (with Alejandro Bernales, Nicolas Garrido, Satchit Sagade, and Marcela Valenzuela)

Spoilt for Choice: Determinants of Market Shares in Fragmented Equity Markets. Journal of Financial Markets. 2023, 64, 100816 (with Peter Gomber, Satchit Sagade, Erik Theissen, and Moritz Weber)

One for the Money, Two for the Show? The Number of Designated Market Makers and Liquidity. Economics Letters. 2023, 224, 110992 (with Erik Theissen)

Call of Duty: Designated Market Maker Participation in Call Auctions. Journal of Financial Markets. 2020, 49, 100530 (with Erik Theissen)

Corporate insider trading and return skewness. Journal of Corporate Finance. 2020, 60, 101485 (with Wolfgang Drobetz and Emil Mussbach)

Liquidity in the German Stock Market. Schmalenbach Business Review. 2019, 71(4), 443—473 (with Thomas Johann, Stefan Scharnowski, Erik Theissen, and Lukas Zimmermann)

Competition Between Equity Markets: Evidence from the Consolidation Versus Fragmentation Debate. Journal of Economic Surveys. 2017, 31(3), 792–814 (with Peter Gomber, Satchit Sagade, Erik Theissen, and Moritz Weber)

Relative Idiosyncratic Volatility and the Timing of Corporate Insider Trading. Journal of Corporate Finance. 2016, 39, 312–223 (with Jasmin Gider)

The State of Play in European Over-the-Counter Equities Trading. Journal of Trading. 2015, 10(2), 23–32 (with Peter Gomber, Satchit Sagade, Erik Theissen, and Moritz Weber)

Market Response to Investor Sentiment. Journal of Business Finance & Accounting. 2013, 40(7–8), 901–917 (with Jördis Hengelbrock and Erik Theissen)

The Conditional Relationship between Fama-French Betas and Return. Schmalenbach Business Review. 2013, 65(4) 334–358 (with Stefan Koch)

### Working Papers

A Tale of Two Cities – Inter-Market Latency and Fast-Trader Competition (with Satchit Sagade, Stefan Scharnowski, and Erik Theissen, 2024)

Broker colocation and the execution costs of customer and proprietary orders (with Satchit Sagade and Stefan Scharnowski, 2024)

Corporate Bond Issuance Fragmentation, Liquidity, and Issuance Costs (with Mohammad Izadi, 2022)

Quasi-dark trading: The effects of banning dark pools in a world of many alternatives (with Thomas Johann, Talis Putnins, and Satchit Sagade, 2019)

High-Frequency Trading and Price Informativeness (with Jasmin Gider and Simon Schmickler, 2021)

The Anatomy of Designated Market Maker Trading in Limit Order Markets (with Erik Theissen, 2022)

The Effects of Post-Trade Transparency in Equity Markets: Evidence from MiFID Large Trade Disclosure Rules (with Stefan Scharnowski, 2020)

"Comparing Human-Only, AI-Assisted, and AI-Led Teams on Assessing Research Reproducibility in Quantitative Social Science" (with Abel Brodeur et al., 2025)

Mass Reproducibility and Replicability: A New Hope (with Abel Brodeur et al., 2024)

The Dynamics and Spillovers of Management Interventions: A Comment on Bianchi and Giorcelli (2022) (with Gonçalo Lima, Jakob Moeller, and Marco Schmandt, 2023)

### AWARDS

# Federation of European Securities Exchanges (FESE)

De la Vega Prize (annual award "for an outstanding research paper related to the securities markets in Europe") for "Quasi-dark trading: The effects of banning dark pools in a world of many alternatives", 2019

### **Asian Finance Association**

Best Conference Paper Award for "A Tale of One Exchange and Two Order Books: Effects of Fragmentation in the Absence of Competition", 2017

### Presentations

(\* = by coauthor)

Microstructure Exchange; Austrian Working Group on Banking and Finance, Vienna\*; Annual Financial Market Liquidity Conference, Budapest\*

Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Marburg; University of Graz

Conference on MiFID II, three years later (CNMV & IE Business School)

2021

2018

2017

2016

2015

2014

2013

2012

2011

Securities Markets Trends, Risks and Policies (ESMA, CONSOB and Bocconi), Milan; FIRN Market Microstructure Meeting, Sydney\*; The Future of Financial Information conference, Stockholm; European Finance Association, Lisbon; Northern Finance Association, Vancouver\*; CEPR-Imperial-Plato Market Innovator (MI3) Conference, London; Swedish House of Finance Annual Conference, Stockholm\*; Central Bank Workshop on the Microstructure of Financial Markets, Stockholm\*; Paris December Finance Meeting (EUROFIDAI - ESSEC)\*; FMA European Conference, Glasgow\*; SGF Conference, Zurich\*; Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Essen (2x); The Regulation and Operation of Modern Financial Markets, Reykjavík; University of Technology Sydney\*; Bank of Lithuania; BaFin; University of Vienna

SFS Cavalcade North America, New Haven; Financial Management Association Annual Meeting, San Diego\*; SAFE Annual Conference, Frankfurt\*; Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft) (3x), Trier\*; ESMA, Paris; University of Vienna; University of Mannheim; University of Technology Sydney; University of Frankfurt\*

Stern Microstructure Meeting, New York\*; Financial Intermediation Research Society\*, Hong Kong; Securities Markets Trends, Risks and Policies (ESMA, CONSOB and Bocconi), Milan\*; Northern Finance Association, Halifax; Central Bank Conference on the Financial Microstructure of Financial Markets, London; Financial Management Association European Conference, Lisbon (2x); BWL 2017, St. Gallen; Asian Finance Association, Seoul; European Retail Investment Conference, Stuttgart; Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Ulm; Spring International Conference of the French Finance Association, Valence\*; International Workshop in Financial Markets and Nonlinear Dynamics, Paris; Augustin Cournot Doctoral Days, Strasbourg\*; Annual Meeting of the German Economic Association (Verein für Socialpolitik), Vienna (2x); SAFE Market Microstructure Workshop, Frankfurt; University of Birmingham; Manchester Business School; Universidad de Chile; University of Mannheim; University of Frankfurt

FIRN Market Microstructure Meeting, Sydney; Belgium Financial Research Forum, Brussels\*; Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Bonn; Financial Management Association Annual Meeting, Las Vegas\*; Annual Financial Market Liquidity Conference, Budapest; Management and Finance Doctoral Meeting of Montpellier\*; India Finance Conference, Kolkata\*; 9th International Conference of the ERCIM WG on Computational and Methodological Statistics\*, Seville;

Swiss Finance Association Annual Meeting, Zurich\*; Financial Management Association European Meeting, Venice\*; International Finance and Banking Society Conference, Hangzhou; Asian Finance Association Conference, Changsha; Southern Finance Association Annual Meetings, Captiva Island\*; University of Mannheim; University of Bonn; University of Vienna

Swiss Finance Association Annual Meeting, Zurich; Financial Management Association European Meeting, Maastricht; Market Microstructure: confronting many viewpoints, Paris (two posters); University of Mannheim

European Retail Investor Conference, Stuttgart; Annual Meeting of the Midwest Finance Association, Chicago\*; University of Mannheim Spring Meeting of the French Finance Association, Lyon; European Financial Management Association Annual Meeting, Reading; Econometric Society European Meeting, Gothenburg; Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft, Wuppertal; Financial Management Association Annual Meeting, Chicago

Annual Meeting of the Eastern Finance Association, Boston; University of Mannheim

Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Regensburg; Annual Meeting of the German Economic Association (Verein für Socialpolitik), Frankfurt; Annual Conference of the Multinational Finance Society, Rome; HVB doctoral seminar, Nuremberg; University of Mannheim

European Economic Association Annual Meeting (poster session), Glasgow; Financial Management Association Annual Meeting, New York; European Financial Management Association Annual Meeting, Aarhus; Annual Meeting of the German Economic Association (Verein für Socialpolitik), Kiel; Conference of the Portuguese Finance Network, Ponta Delgada; Campus for Finance Research Conference, Vallendar Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), doctoral colloquium, Frankfurt; Northern Finance Association Conference, Ph.D. student session, Niagara-on-the-lake; Financial Management Association European Conference, Turin; Annual Meeting of the Spanish Finance Association (AEFIN), Madrid;	2010
Economics, Management and Finance Doctoral Meeting of Montpellier; Augustin Cournot Doctoral Days, Strasbourg; Campus for Finance Research Conference, Vallendar; University of Bonn  Econometric Society European Meeting, Milan; Paris International Finance Meeting of the French Finance Association (AFFI); Annual Meeting of the German Finance Association	2008
(Deutsche Gesellschaft für Finanzwirtschaft), Münster; Annual Meeting of the Spanish Finance Association (AEFIN), Barcelona; Warsaw International Economic Meeting  (* = by coauthor)	
Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Marburg	2022
Central Bank Conference on the Financial Microstructure of Financial Markets, Zurich	2021
Financial Management Association Annual Meeting, virtual	2020
Workshop on "Banks and Financial Markets", Vienna	2019
Northern Finance Association, Halifax; Financial Management Association European Conference, Lisbon (2x); BWL 2017, St. Gallen; Asian Finance Association, Seoul; European Retail Investment Conference, Stuttgart; International Workshop in Financial Markets and Nonlinear Dynamics, Paris	2017
Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Bonn; Annual Financial Market Liquidity Conference, Budapest	2016
Asian Finance Association Conference, Changsha	2015
Swiss Finance Association Annual Meeting, Zurich; Financial Management Association European Meeting, Maastricht	2014
European Retail Investor Conference, Stuttgart; Spring Meeting of the French Finance Association, Lyon; European Financial Management Association Annual Meeting, Reading; Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft, Wuppertal; Financial Management Association Annual Meeting, Chicago	2013
Annual Meeting of the Eastern Finance Association, Boston Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Regensburg; Annual Conference of the Multinational Finance Society, Rome	2012 2011
Financial Management Association Annual Meeting, New York; European Financial Management Association Annual Meeting, Aarhus; Conference of the Portuguese Finance Network, Ponta Delgada; Campus for Finance Research Conference, Vallendar Financial Management Association European Conference, Turin; Annual Meeting of the Spanish Finance Association (AEFIN), Madrid; Campus for Finance Research Conference,	2010 2009
Vallendar  Paris International Finance Meeting of the French Finance Association (AFFI); Annual Meeting of the German Finance Association (Deutsche Gesellschaft für Finanzwirtschaft), Münster; Annual Meeting of the Spanish Finance Association (AEFIN), Barcelona	2008

DISCUSSIONS

Teaching
EXPERIENCE

# University of Edinburgh

Empirical Asset Pricing (PhD)	$\boldsymbol{2025}$
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# University of Vienna

Advisor of Master theses	2019 - 2024
Python for Finance I (Master)	2020 - 2024
Python for Finance II (Master)	2020 - 2024
Empirical Finance (Master)	2019
Limits of Arbitrage (Master)	2019
Fixed Income Securities (Master)	2018 - 2024
Active Investing (Master)	2019
Causal Inference in Finance (Master)	2018

## Vienna University of Economics and Business

Advisor of Bachelor theses	2024

## University of Mannheim

Advisor of Bachelor and Master theses	2011 - 2018
Empirical Finance (Master), exercise sessions	2013 - 2018
Seminar Topics in Empirical Finance (Master)	2016,  2018
Seminar on Market Microstructure (Master)	2012 - $2015$ , $2017$
Introduction to Stata (Master)	2012 - 2018
Microstructure of Financial Markets (Bachelor)	2012 - 2013

#### University of Heidelberg

Introduction to Finance	(Bachelor)	2013
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# University of Bonn

Teaching Assistant, until 2009

Empirical Finance (Master and PhD)

Introduction to Finance (Bachelor)

Mathematics for Economists I & II (Bachelor)

Statistics for Economists I & II (Bachelor)

Theoretical Informatics I & II (Bachelor)

# Refereeing Activities

Journal of Banking and Finance, Journal of Corporate Finance, Journal of Empirical Finance, Scientific Data, Journal of International Financial Markets, Institutions & Money, European Journal of Finance, Journal of Behavioral and Experimental Finance, Emerging Markets Review, Schmalenbach Business Review, Financial Markets and Portfolio Management, Credit and Capital Markets, Business Research, Economics, International Review of Economics and Finance, Intelligent Systems in Accounting, Finance and Management, Finance Research Letters, Applied Economics, Applied Economics Letters, German Research Foundation (DFG), De La Vega Prize of the Federation of European Securities Exchanges

# CONFERENCE AND SEMINAR ORGANIZATION

# Brown Bag Seminar, Department of Finance, University of Vienna

Organization of the seminar	2020 - 2021
SAFE Market Microstructure Conference, Frankfurt	
Initiation and co-organization of international conference	2017 - 2024
SAFE Market Microstructure Workshop, Frankfurt	
Initiation and co-organization of one-day workshop each semester	2015 - 2018
Market Microstructure Conference, Frankfurt	
Assistance in organization of academic program	2013,2015

EDUCATION University of Bonn

Ph.D. (Dr. rer. pol.), Bonn Graduate School of Economics, February 2011

MSc (Diplom) in Economics, October 2006 MSc (Diplom) in Computer Science, January 2006

Ecole Nationale de la Statistique et de l'Administration Economique (ENSAE)

Visiting Student, September 2003 - June 2004

Non-Academic Vienna Stock Exchange

Experience & Passed exchange trader examination 2019

QUALIFICATION CFA Society

Passed all three levels of the Chartered Financial Analyst (CFA) program 2006 - 2008

JP Morgan Asset Management, London

Internship, quantitative research in the currency group July - October 2004

COMPUTER SKILLS Stata, Python, R, LATEX

LANGUAGES German (native), English (fluent), French (intermediate)