Max Riedel, Ph.D.

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Experience

10/22-today	**Post-Doctoral Researcher** | Leibniz Institute for Financial Research SAFE Research project: Green Auto Securitisation, funded by the German Federal Ministry of Education and Research (total amount: EUR 690 thousand)	Frankfurt
02/22-11/22	**Banking Expert** | European Stability Mechanism Development of a "Bank Viability Index"	Luxembourg
05/21-01/22	**Quantitative Analyst** | European Stability Mechanism Development and implementation of the Common Backstop to the Single Resolution Fund	Luxembourg
02/21-01/22	**Research Fellow** | University of Venice Chair of Prof. Dr. Loriana Pelizzon: Research and econometric analyses	Venice
05/20-01/21	**Research Fellow** | University of Venice Chair of Prof. Dr. Monica Billio: EU Horizon 2020 project EeDaPP (funding: EUR 1.5 million)	Venice
09/19-05/20	**Statistical Programming Lecturer/Backpacking** University of Colombo (Sri Lanka); La Universidad Católica Boliviana San Pablo (Bolivia)	Asia and South America
02/14-09/19	**Doctoral Researcher** | SAFE/Goethe University Chair of Prof. Dr. Loriana Pelizzon: Supervision of B.Sc. and M.Sc. students; teaching assistance	Frankfurt
04/18-05/19	**Doctoral Researcher** | University of Venice Chair of Prof. Dr. Monica Billio: EU Horizon 2020 project EeMAP (funding: EUR 1.5 million)	Venice
08/17-12/17	**Doctoral Researcher** | New York University Stern School of Business Chair of Prof. Dr. Marti Subrahmanyam: Research; Stata programming workshop	New York
01/09-01/14	**Working student** | Allianz Global Investors Development of investment strategies in the Systematic Equity Portfolio Management division	Frankfurt

Teaching experience

WS23/24	**Lecturer** | Frankfurt University of Applied Sciences Lecture: Statistics for Business	Frankfurt
WS22/23	**Lecturer** | Frankfurt University of Applied Sciences Lecture: Statistics for Business	Frankfurt
WS19/20	**Workshop Lecturer** | La Universidad Católica Boliviana San Pablo One-day workshop: Introduction to STATA with application to financial data	Bolivia
WS19/20	**Workshop Lecturer** | University of Colombo One-day workshop: Introduction to STATA with application to financial data	Sri Lanka
SoSe18	**Co-Lecturer** | University Frankfurt Lecture: Asset Allocation and Performance Analysis	Frankfurt
WS17/18	**Workshop Lecturer** | New York University Stern School of Business One-day workshop: Introduction to STATA with application to financial data	New York

Education

2012-2019	Ph.D. in Finance; summa cum laude	Goethe University Frankfurt
2012-2016	M.Sc. in Quantitative Finance	Goethe University Frankfurt
2009-2012	B.Sc. in Mathematics	Goethe University Frankfurt
2006-2010	B.Sc. in Economics and Business Administration	Goethe University Frankfurt
1999-2006	Abitur	Bergstadt Gymnasium Lüdenscheid

Languages

English (fluent), German (native), Spanish (intermediate), French (basic)

Programming and computer skills

Programming: Stata, R, Matlab, SQL, SAS, Python, HTML, E-Views. **Financial Information Systems:** Bloomberg, Fitch Connect, Compustat, European DataWarehouse ABS Loan-Level Data, FactSet, S&P Capital IQ, Thomson Reuters, WRDS. **Other:** LaTeX, MS Office, Git.

Other achievements

- Reviewer activity: Journal of Banking and Finance, Financial Innovation, The Journal of Credit Risk

List of publications

Publications in peer-reviewed journals:

- Collateral Eligibility of Corporate Debt in the Eurosystem. *The Journal of Financial Economics* (2024), with L. Pelizzon, Z. Simon, and M. Subrahmanyam, doi: 10.1016/j.jfineco.2023.103777.
- How to Green the European Auto ABS Market? A Literature Survey. *European Financial Management (2024)*, with C. Latino and L. Pelizzon, doi: 10.1111/eufm.12515.
- Buildings' Energy Efficiency and the Probability of Mortgage Default: The Dutch Case. *The Journal of Real Estate Finance and Economics* (2021), with M. Billio, M.Costola, and L. Pelizzon, doi: 10.1007/s11146-021-09838-0.
- A Quasi Real-Time Leading Indicator for the EU Industrial Production. *The Manchester School* (2018), with M. Donadelli and A. Paradiso, doi: 10.1111/manc.12233.
- Temperature Shocks and Welfare Costs. *Journal of Economic Dynamics and Control* (2017), 82, 331–355, with M. Donadelli, M. Jüppner, and C. Schlag, doi: 10.1016/j.jedc.2017.07.003.
- Which Market Integration Measure? *Journal of Banking and Finance* (2017), 76, 150–174, with M. Billio, M. Donadelli, and A. Paradiso, doi: 10.1016/j.jbankfin.2016.12.002.
- Dangerous Diseases: Bad News for Main Street, Good News for Wall Street? *Journal of Financial Markets* (2017), 35, 84–103, with M. Donadelli and R. Kizys, doi: 10.1016/j.finmar.2016.12.003.
- Investor Sentiment and Sectoral Stock Returns: Evidence from World Cup Games. *Finance Research Letters* (2016), 17, 267–274, with G. Curatola, M. Donadelli, and R. Kizys, doi: 10.1016/j.frl.2016.03.023.

Work in progress:

- Collateral pledgeability and asset manager portfolio choices during redemption waves. *ESM Working Paper Series 58*, with T. Fauvrelle and M. Skrutkowski, doi: 10.2852/99948.
- Reforming EU Car Labels: How To Achieve Consumer-Friendly Transparency? *SAFE Working Paper No. 433*, with N. Badenhoop, doi: 10.2139/ssrn.4994192.
- Mutual Funds' Appetite for Sustainability in European Auto ABS. *Work in progress*, with C. Latino, L. Pelizzon and Y. Wang.
- Credit risk in green auto loans. *Work in progress*, with J. Arfaoui and Y. Wang.

Book contributions:

- Creditworthiness and buildings' energy efficiency in the Italian mortgage market. *Climate Investing: New Strategies and Implementation Challenges*, Wiley, with M. Billio, M. Costola, L. Pelizzon, F. Portioli, and D. Vergari, doi: 10.1002/9781394192373.ch13.
- Classification of Crowdfunding in the Financial System. *Banking Beyond Banks and Money*, Springer International Publishing Switzerland 2016, with L. Pelizzon and P. Tasca, doi: 10.1007/978-3-319-42448-4_2.

Other publications:

- Vehicle identifiers: the key to jump-starting the European Green Auto ABS market? *SAFE White Paper No. 100* (2024), with A. Hackmann, V. R. Lindner and L. Pelizzon, safe-frankfurt.de.
- Are European Mortgage Markets Converging? *Hypostat 2020: A review of Europe's mortgage and housing markets* (2020), with M. Billio, European Mortgage Federation, hypo.org.
- Final report on correlation analysis between energy efficiency and risk, *EU Horizon 2020 Project "Energy efficiency Data Protocol and Portal" - Grant agreement No 784979*, (2020), with M. Billio, M.Costola, I. Hristova, L. Pelizzon, doi: 10.3030/784979.
- Final report on the correlation between energy efficiency and probability of default. *EU Horizon 2020 Project "Energy efficient Mortgages Action Plan" (EeMAP) - Grant agreement No 746205* (2019), with D. Leboullenger M. Billio, and C. Muecke, doi: 10.3030/746205.
- Technical report on risk management analysis. *EeMAP* (2019), with M. Billio, I. Hristova, and C. Muecke, doi: 10.3030/746205.
- Technical report on the econometric assessment and results. *EeMAP* (2019), with T. Baccega, A. Bedin, M. Billio, and I. Hristova, doi: 10.3030/746205.

- Technical report on the portfolio analysis of banks' loan portfolios. *EeMAP* (2019), with T. Baccega, A. Bedin, and M. Billio, doi: 10.3030/746205.
- Technical report on the methodology design to carry out portfolio analysis. *EeMAP* (2019), with A. Bedin, M. Billio, and D. Leboullenger, doi: 10.3030/746205.
- Review of the impact of energy efficiency on probability of default. *EeMAP* (2017), with L. Pelizzon, doi: 10.3030/746205.