

June, 2024

Mario Cerrato
Curriculum Vitae

Nationality: Italian

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Employment

Current position

▪Professor of Finance, University of Glasgow (GU), Adam Smith Business School.

Past Positions

- Visiting Professor, University of Salerno (ITA), Economics & Statistics Department
- 2010-2012 Senior Lecturer in Financial Economics, Adam Smith Business School, GU.
- 2008-2010: Lecturer in Financial Economics, Department of Economics, GU.
- 2004-2008: Senior Lecturer in Finance, Department of Economics, Finance & International Business, London Metropolitan University.
- 2002-2004: Lecturer in Finance, Department of Economics, Finance & International Business, London Metropolitan University.
- 2000-2002: Visiting Lecturer, London Guildhall University, Department of Economics.
- 1998-1999: Banca del Salento (Italy), Financial Specialist.
- 1997-1998: Expedia Capital Management Limited (London), Currency Analyst.

Research interests

FX Microstructures; Financial Markets & Derivatives; Financial Intermediation; Regulatory Aspects of Large Dealers Banks and Non-Banks;

External research funding

- 2024: Wards Funding, University of Glasgow
- 2019: University of Salerno.
- 2015: SIRE Scotland,
- 2013: Scottish Funding Council (10 scholarships for 4 years for the MSc Investment Fund Management and Financial Risk Management).
- 2010: Scottish Enterprise and Structured Credit Investor/Cold Fountain Media-(liquidity risk).
- 2010: UBS Investment Bank (London)-(risk management).
- 2009: Scottish Government with the Chinese Ministry of Education-(risk management).
- 2009: John Robertson Bequest-(option pricing).
- 2007: University of Evry (Fra).
- 2006: University of Evry (Fra).
- 2003-2005: Regional Convergence and Divergence in Euroland: the Role of the Financial Sector (The Italian Ministry for Higher Education).

Education/Qualifications

- 2004: PhD in Financial Econometrics, London Metropolitan University.
- 2000: Finance Training Banca del Salento (Salerno, Italy).
- 1997: MSc Economics, London Metropolitan University,
- 1994: Laurea in Economics and Finance, University of Salerno (Italy).

Courses taught

Financial Derivatives (graduate/executive level); Hedge Fund Risk Management (graduate level); Financial Markets, Securities and Derivatives (graduate level); Corporate Risk Management.

University administration

University of Glasgow

- 2015-present: REF (Research Assessment Exercise), Out-puts Lead.
- 2010-2015: Deputy Director of the Centre for Economic & Financial Studies.
- 2010-present: Member of the Appointment Panel for Lecturer/Senior Lecturer in Finance.
- 2009-present: Academic Adviser of Study.

London Metropolitan University

- 2007: Member of the Appointment Panel for Senior Lecturer.
- 2005-2009: Director of the MSc Financial Markets & Derivatives.
- 2001-2008: Member of the London Metropolitan University Research Committee.

PhD supervision

Completed supervisions

- 2024 Shengfeng Mei, “Credit Lines and the COVID-19 Shock”.
- 2020 Zhekai Zhang, “FX Market”, International
- 2019 Daning Li, “Empirical Asset Pricing”.
- 2016 Yang Zhao, “Empirical Essays in Quantitative Risk Management”, International Institute for Financial Studies, Jiangxi University of Finance and Economics.
- 2015 Nazanin Shirdazi, “Credit Risk Modeling for Multilateral Lenders”, ECO Trade and Development Bank, Istanbul.
- 2013 Mohammad Kaleem” FM Microstructures”.
- 2011 Hyunsok, Kim, “Exchange Rates and Non-Linear Models” (Research Fellow, Glasgow University, Adam Smith Business School).
- 2008 Ke Fei You, PhD on “Exchange Rates in Emerging Markets” (Lecturer in Finance, LondonMet Business School).

Refereeing activity

Applied Economics; Journal of Economic Integration; New Frontiers in Finance and Economics; Journal of Computational Finance; Scottish Journal of Political Economy; Econometric Review; The Manchester School; Applied Mathematical Finance; Economics Bulletin; Review of International Economics; Studies in Nonlinear Dynamics & Econometrics; Economic & Social Research Council (ESRC); Journal of Banking and Finance; Journal of Money Credit and Banking; Journal of Financial Markets, Institutions & Money; Oxford Bulletin of Economics and Statistics, Journal of Empirical Finance.

Membership of professional societies and conference organization

- Member of the American Finance Association, 2015-today.
- Organiser of a Policy Event on Valuation Adjustments (XVAs), Glasgow, 2024
- Organizer of the Asset Pricing & Corporate Finance Conference, 2013-15, Adam Smith Business School, University of Glasgow.
- Centre for Empirical Finance, Brunel University, Research Affiliate, 2009-present.
- Guest Editor, International Journal of Risk Assessment and Management, 2008.

- Money, Macro & Finance (MMF) Research Group: organizer (with G.M Caporale) of a symposium on “FX Microstructures”, Brunel University, 2008.
- Money, Macro & Finance (MMF) Research Group: organizer (with G.M Caporale) of a symposium on “Advances in Econometrics and Finance”, London Metropolitan University, July, 2003.

Selected honors and awards and other professional activities

- 2021: REF (Research Exercise Framework), Nominated Member, UoA-17.
- 2016: Duke University (Economics), US, Visiting Professor.
- 2016: Seconda Università degli Studi di Napoli (Ita), external examiner (PhD).
- 2015: “No Good Deal-No Bad Models”, by Boyarchenko, N., Cerrato, M., J., Crosby and S., Hodges, was the best paper at the French Finance Association in Lyon (2ND out of 240 papers presented).
- 2015: University of Essex Business School, external examiner (PhD).
- 2011: Manchester Business School, external examiner (PhD).
- 2010: UBS London, Quantitative Research Team, joint project on risk management.
- 2009: University of Essex, Centre for Computational Finance & Economic Agents, external examiner (PhD).
- 2009: University of York, Department of Economics & Related Studies, external examiner (MPhil).
- 2007: University of York, Department of Economics & Related Studies, external examiner (MPhil).

Media

Interviewed by different newspapers, TV and Radio (Bloomberg, BBC Radio, Notizie Inno, ReteEconomy Channel).

Conferences and Symposia

York Annual Meeting in Econometrics, University of York, (UK), 2002; Finance (MMF) Money Macro and Finance Research Group annual conference, University of Warwick (UK), 2002; Royal Economic Society (RES) annual conference, University of Warwick (UK), 2002; 2003; IEF (International Economics and Finance) conference, City University, London, 2003; Royal Economic Society (RES) annual conference, University of Warwick (UK), 2003; AEA (Applied Econometrics Association) conference, Marseilles (FRA), 2003; AEA (Applied Econometric Association) conference, Luxembourg, 2005; MMF (Money Macro & Finance Research Group) annual conference, Crete, 2005; MMF (Money Macro & Finance Research Group) annual conference, York, 2006; EEA-ESEM, Milan, 2008; Federal Reserve Bank of San Francisco, 2008; Computing in Economics & Finance (CEF-2008), Paris, 2008; GREQAM, Marseille (FRA), 2009; IEEE, International Neural Network Society, Georgia (USA), 2009; 15th International Conference, Computing in Economics and Finance, Sydney (Aust.), 2009 ; 16th Conference on Panel data, Amsterdam, 2010; American Finance Association Annual Conference 2014, 2015; Frontier of Factor Investing, Conference, Lancaster, 2024; European Management Association Conference, 2024

Invited seminars and visiting positions

Brunel University, 2004, departmental seminars; Westminster University Business School, 2004; Centre for International Capital Market, 2005, annual symposium in International Finance and Finance; The University of Salerno (ITA), 2006, visiting

researcher; The University of Salerno (ITA), 2006, departmental seminars; The University of Evry (FRA), 2006-2008; Brunel University, 2007, symposium on Stochastic Volatility, invited speaker; departmental seminar; University of Westminster, 2008, departmental seminar; University of York, 2008, International Conference in Economics & Finance; University of New-Castle, 2008, departmental seminar; University of Reading, 2010, departmental seminar; The Central Bank of Ireland, 2011, invited speaker; Bank of England, 2013, invited speaker; University of Naples, 2015, International Conference, invited speaker; CONSOB, Rome, Italy, invited Speaker; 2019 Invited Speaker, International Finance Meeting, Imperial College Business School; 2023, Invited Speaker, Heriot Watt University, 2024; XVAs Present & Future, Policy Talk, University of Glasgow, 2024.

Publications

- 1) Burnside, C., M., Cerrato and Z. Zhang, 2024, "Foreign Exchange Order Flow as a Risk Factor", **The Journal of Financial & Quantitative Analysis, conditionally accepted**
- 2) Li, D., Zhang, Z. and Cerrato, M. 2023, "Factor Investing and Currency Portfolio Management", **International Review of Financial Analysis, 87.**
- 3) Bakshi, G., M., Cerrato and J., Crosby, 2018, "Studying the Implications of Consumption and Asset Return Data for Stochastic Discount Factors in Incomplete International Economies" **The Review of Financial Studies.**
- 4) Caporale, G., M., Cerrato, M., and X., Zhang, 2017 "Analysing the Determinants of Credit Risk for General Insurance Firms in the UK", **The Journal of Banking and Finance.**
- 5) Cerrato, M., J., Crosby, M., Kim and Y., Zhao, 2017 "Correlated Default of UK Banks: Dynamics and Asymmetries", **Special Issue of the Journal of Futures Markets.**
- 6) Cerrato, M., J., Crosby, M., Kim and Y., Zhao, 2017, "Relation Between Higher Order Comoments and Dependence Structure of Equity Portfolio", **Journal of Empirical Finance, 40, pp10.**
- 7) Cerrato, M., Hyunsok Kim and Ronald MacDonald, 2015, "Microstructure Order Flow: Statistical and Economic Evaluation of Nonlinear Forecasts", **Journal of International Financial Markets, Institutions & Money, 39, PP40-52.**
- 8) Cerrato, M., Hyunsok Kim, and Ronald MacDonald, 2013, "Equilibrium Exchange Rates Determination and Multiple Structural Changes", University of Glasgow Business School, working papers, **Journal of Empirical Finance, 22, pg52-66.**
- 9) Cerrato, M., A., Kadow, R., MacDonald, S., Straetmans, 2013, "Does the Euro Dominate Central and Eastern European Money Markets?", **Journal of International Money and Finance, 32, pg 700-718.**
- 10) Cerrato, M, de Peretti, C., and C., Stewart, 2013 "Is the Consumption Income Ratio Stationary? Evidence from a Non-Linear Unit Root Test for OECD and Non-OECD Countries" **The Manchester School, 81, pg 102-120.**
- 11) Cerrato, M., N., Sarantis and A., Saunders, 2011 "An Investigation of Customer Order Flow in the Foreign Exchange Market", **Journal of Banking & Finance, 38, 8, pg 1892-1906. Elsevier.**
- 12) Cerrato, M, Kim, H., and R., MacDonald, 2010, "Three-Regime Asymmetric STAR Modeling and Exchange Rate Reversion", **Journal of Money Credit & Banking, 42, 7, pg 1447-1467, Wiley.**
- 13) Cerrato, M., N., Kellard, and N., Sarantis, 2008, "The Purchasing Power Parity Persistence Paradigm: Evidence from Black Currency Market", **The Manchester School, vol. 76, (4), pg. 401-423, University of Manchester.**

- 14) Caporale, G., M., and M., Cerrato, 2008, "Black Market and Official Exchange Rates: Long-run Equilibrium and Short-run Dynamics", *Review of International Economics*, vol.16, (3), pg. 401-412, Blackwell Publishing.

Completed Papers

- 1) Quantitative Easing, Banks' Funding Costs, and Credit Line Prices, with Shengfeng Mei, 2024.
- 2) European firms, Panic Borrowing and Credit Lines Drawdowns: What did we learn from the COVID-19 Shock? by Mario Cerrato, Hormoz Ramian and Shengfeng Mei, June 2023
- 3) Default Risk and the Cross-Section of UK Insurance Firms' Returns , by Mario Cerrato, Paolo Coccoresse and Xuan Zhang, June 2022
- 4) "No Good Deal-No Bad Models", by Boyarchenko, N., Cerrato, M., J., Crosby and S., Hodges, Federal Reserve Bank of New York, Staff Report.
- 5) Cerrato, M., C., de Perretti, R., Larsson, N., Sarantis, "A Non-Linear Panel Unit Root Test under Cross Section Dependence", University of Glasgow Business School, working papers.

Contributions to Edited Books and Books

- 1) Cerrato, M., and N., Sarantis, 2005, "Structural Breaks and Unit Root Tests in the Black Market Real Exchange Rates", in "Recent Developments on Exchange Rates" Edited by S. Lordic and V. Mignon, pg. 50-55, *Palgrave Macmillian Series*.
- 2) Cerrato, M., and L., V., Spagnolo, 2006 "No euro please, We're British!", in "The City in Europe and the World", pg. 30-40, eds. Stephen Barber, *European Research Forum at London Metropolitan University*.
- 3) Neural Network Based Heterogeneous Panel Unit Root Test in Case of Cross Sectional Independence", in *Leung, M. Lee, and J.H. Chan (Eds.)*, pg. 441-450. **Springer, Heidelberg.**
- 4) Cerrato, M., A., Djennad, 2011, "Dynamic Option Adjusted Spread and the Value of Mortgage Backed Securities", (**The Mathematics of Derivatives Securities, with Application in MatLab**), *John Wiley & Sons, forthcoming*).
- 5) Cerrato, M., 2012 *The Mathematics of Derivatives Securities, with Applications in MatLab*, *John Wiley & Sons*.
- 6) Christian de Peretti, C., Siani, Mario Cerrato, "An Artificial Neural Network Based Heterogeneous Panel Unit Root Test In Case of Cross Sectional Independence," (*IJCNN, International Joint Conference on Neural Networks, IEEE, pp. 2487-2493*).

The Political Economy of Finance (newspaper articles, policy articles, others)

- 1) Policy Talk XVA Glasgow 16 April 2024
- 2) Webinar, Financial Economics, University of Glasgow, 2023
- 3) Mobility and the Economic effect of COVID-19 in United Kingdom, by Joseph P. Byrne, Edinburgh Business School, Heriot-Watt University; Mario Cerrato, Adam Smith Business School, University of Glasgow; and Xuan Zhang, Institute of Economics and Finance, Nanjing Audit University; October, 2020
- 4) The COVID-19 Pandemic and The Economy: We Are Fighting A New War, by Mario Cerrato, Adam Smith Business School and Guglielmo Maria Caporale, Brunel University, London (April 2020).

- 5) Cerrato, M., 2011, "A Note on the Italian 2011-2014 Budget Plan", University of Glasgow Business School, working papers.
- 6) Cerrato, M., 2010, "The Rise and Fall of the ABS Market", policy note prepared for Structured Credit Investor (London), University of Glasgow Business School, working papers.

Interests

Restaurants and training in Thai boxing