Rita Laura D'Ecclesia, Curriculum Vitae

Nationality: Italian
Date of birth: September 30 1960
Address: Via Luigi Ungarelli, 15 00162 Rome, Italy
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Work experience

2001-present	Professor of Quantitative Methods for Finance, Sapienza University, Rome, Italy.
Since 2008	Director of the PhD program in Finance and Economics at Sapienza University, Rome, Italy.
Since 2009	Chair of the Euro Working Group for Commodities and Financial Modeling.
Since 2008	Chair of the International Summer School for Risk Measurement and Control.
Dec. '15-Dec'16	Independent Director and Risk Appetite Framework Manager of the Board of Directors, Banca Igea, Italy.
Jan2017-April 2020	Independent Director of the Board of Directors and Member of the Internal Controls and Risk Committee, Banco BPM Group.
April 2020-August 2020	Independent Director of the Board of Directors, Anima Holding Ltd, Milano, Italy. Independent Director of the Board of Directors, Anima SGR Head of the Internal Risk Committee, Anima Holding Ltd Member of the Nominations Committee, Anima Holding, Ltd.
May 2020-present	Deputy Chairman of the Board of Directors and Member of the Internal Controls Risk Committee, Monte dei Paschi di Siena Bank Group, Siena Italy.
2008- 2016	Visiting Professor at Birkbeck University of London.
2011-2017	Guest Lecturer, MSc in Financial Engineering at Birkbeck University of London.
2008-2013	Adjunct Professor for Graduate Courses, Libera Università degli Studi Sociali LUISS, Rome Italy .
2008-2010	Visiting professor, Erasmus University Business School, Rotterdam, The Netherlands.
1998-2001	Associate professor, University of Foggia, Italy
1993-1998	Tenure researcher, University of Urbino, Italy

Institutional appointments

- Member of the Hiring Board for quantitative experts at Bank of Italy, Consob (Italian Market Authority), IVASS (Italian Insurance Authority), Agency of Monopoly and Customs in 2008, 2014, 2015, 2016 and 2022..
- 2006. Expert for the development of a Single Gas and Electricity market in EU. Appointment from the EU Social and Economic Council.
- 2011. Quantitative Expert for the Italian Court to assess the termination value of the Currency swap between Lehman Brothers and Repubblica Italiana.
- 2014. Quantitative expert to provide an assessment of the medium-long term loan offered by a pool of Italian banks to 3 construction companies embedding Interest Rate Swaps.
- President of the Selection Board for appointing Full Professors and Associate Professors for the ASN 2016 (2016-2018) in Sector 13/D4 Quantitative Methods for Economics, Finance and Actuarial Sciences.
- President of the Selection Board for 1 Associate professor at Sapienza University of Rome, 2019.
- President of the selection board for 1 Lecturer at Università of Roma Tre, Rome, 2019.
- President of the Selection Board for 1 Associate professor at Sapienza University of Rome, 2020.
- President of the selection board for 1 Lecturer at Sapienza University of Rome, 2018.

Teaching Courses at all levels, undergraduate, graduate and PH.D,,of Calculus, Financial Math, Asset Pricing, Risk Maagement Portfolio selections Quantitative methods for finance.

PhD and Master Students Supervised more than 100 master students and about 25 Ph.D. students. Some very talented young people with whom I worked on many of my published papers.
Member of Ph.D. final exam committee for several Italian and European Universities since 2000.

Previous Experience

2003-2006 GME- Gestore del Mercato Elettrico (National Authority for the Energy Market)
European Expert for the designing of an electricity forward contract. Statistical researcher

1988 OECD-ABI (Organization for the Economic Co-operation and Development- Italian Banking Association)
Participate to the CERI project for the analysis of the impact of the technological innovation on the changing employment and skill formation in the Italian Banking Industry. Statistical consultant

1986-87 CNR **-** (Italian National Council for the Research)
Analysis of the problem of the technical advance in Italian industries: analysis of market structure with particular regard to the financial activities to support the technical advantage. Portfolio analysis to construct a closed end fund for the corporate financing. Statistical consultant

1985-86 ISIS -(Institute of Studies for Analysis and Information Systems)
Analysis of governments grants supporting local authorities' basic needs. Application of statistical techniques applying cluster analysis to the 8086 set of Italian local authorities. This project was a commitment of the Italian Department of Interior. Statistical consultant

1984 CENSIS (Center for the Studies of Social Investments)
Analysis and data processing regarding regional High School education and the impact of courses failure. Analysis of tourism in Tuscany from 1974 to 1984.

Member of the Editorial Board

Isini Frontiers in Economics and Finance, Isini Frontiers in Artificial Intelligence, Review of Managerial Science,Mondo Bancario. International Journal of Financial Engineering and Risk Management, Journal of Finance and Risk Management, European Journal of Management and Business Economics, Journal of Economic Asymmetries, Deputy Editor of Revista Mexicana de Economia y Finanzas.

Organizational Skills

2018 Member of the PC Committee for the 28th Euro Conference in Valencia;
2021 Member of the PC Committee for the 31st Euro Conference in Athens;
2008---ongoing Chair of the *International Summer School on Risk Measurement and Control, a 6-10 day summer school organized with the scientific support of 15 European Universities,*
2018 Chair of the annual Conference of the Commodities and Energy Markets Association, June 2018 Rome.
2009-ongoing Chair of the Euro Working Group For Commodities and Finan*cial Modelling: Organized the 32nd Meeting in Capri and the 50th Meeting in Rome.*
1995 **Chair** of the 7th symposium of the CBOT in Rome in 1995

Education and training

1986-90 PhD in Finance and Capital Markets, University of Bergamo, Italy
1987-88 Visiting PhD Scholar at NYU, Stern School, New York University, NYU
1978-1983 Ba, Hon. In Statistics, University of Rome “La Sapienza”, Italy

Personal skills

Mother tongue(s) **Italian**

Self-assessment

	Understanding				**Speaking**				**Writing**	
	Listening		Reading		Spoken interaction		Spoken production			
English	C 2		C 2		C 2		C 2		C 2	
Spanish	C 2		C 2		C 2		C 2		C 2	
French	B 2		B 2		B 2		B2		B 2	

Articles in international Journals (recent publications-2010-21)

1. V. D'Amato, R. D'Ecclesia, S. Levantesi. (2023) "Firms' profitability and ESG score: a machine learning approach", Applied Stochastic Models in Business and Industry. Doi: 10.1002/asmb.2758.
2. R.L. D'Ecclesia, G. Morelli, K. Stefanelli, (2022) "Are the green ETF really Green", under review Energy Economics.
3. R.L. D'Ecclesia, S. A. Zenios; (2022), In Memoria Emilia and Giorgio Szegö, a special issue on Institutions, Risk Measures and Portfolio Optimization. Editorial. Journal of Banking and Finance. https://doi.org/10.1016/j.jbankfin.2022.106464
4. R. D'Ecclesia, V. D'Amato, S. Levantesi. (2022) "How machine learning can help in ESG rating" Computational Management , 19, 347-373.
5. G. Morelli, R.L. D'Ecclesia (2021), "Responsible Investments reduce market Risk", Decisions in Economics and Finance, 44, 1211-1233.
6. V. D'Amato, R. D'Ecclesia, S. Levantesi. (2021) "Fundamental ratios as predictors of ESG scores: a machine learning approach", Decisions in Economics and Finance. 44, 1087-1110.
7. R. D'Ecclesia, M. Dwani. (2021) "International evidence on bank profitability: a survey" *Rivista Bancaria* - Minerva Bancaria. 3. Pp-45-67
8. R.L: D'Ecclesia, R. Cerqueti, S. Levantesi. (2021) Preface: recent developments in financial modelling and risk management. Annals of Operations Research. 299. 1-5.
9. R. D'Ecclesia, P. D'Urso, L. De Giovanni R. Massari, E. Maharaj: Cepstral-based clustering of financial time series ¶*Journal of Expert Systems with applications*. 2020.
10. R.L. D'Ecclesia, V. Jotanovic. (2021). The European gas market: new evidences. *Annals of Operations Research*, Springer, vol. 299(1), pages 963-999, April.
11. R. L. D'Ecclesia, D. Clementi. (2021). Volatility in the stock market: ANN versus parametric models, Annals of Operations Research, vol. 299, issue 1, No 44, 1127
12. R.L. D'Ecclesia, V. Jotanovic. (2019). Do Diamond Stocks Shine Brighter than Diamonds? Journal of Risk and Financial Management, 12(2), 79 Special Issue on Alternative Assets and Cryptocurrencies.
13. R. D'Ecclesia, V. Jotanovic, (2017). Are Diamonds a Safe Haven?, Review of Managerial Science, 2017, v.11, p.1-32 (DOI: 10.1007/s11846-017-0234-3).
14. R. D'Ecclesia, D. Kondi, (2017). Time Varying Correlations: Key Indicator in Finance. Springer: Handbook of Recent Advances in Commodity and Financial Modeling.
15. R. D'Ecclesia, E. Magrini, P. Montalbano, U. Triulzi. (2014) "Understanding recent oil prices Dynamics: A novel empirical approach", Journal of Energy Economics, http://dx.doi.org/10.1016/j.eneco.2014.10.005.
16. R. D'Ecclesia, (2014), "The state of financial modeling In 2012 as shaped by the GFC" in Central European Journal of Operation Research, Volume 22, Issue 4, pp. 233-235.
17. F. Barcellona, M. Panella, R.L. D'Ecclesia, D. Stack, (2013)"Crude Oil Prices and Kernel-Based Models", Special Issue on Commodity Risk Management in International Journal of Engineering and Financial Risk Maneagement
18. F. Barcellona, M. Panella, R.L. D'Ecclesia (2013)" Forecasting Energy Commodity Prices Using Neural Networks", Advances in Decision Sciences.
19. C.Bencivenga, R. D'Ecclesia, U. Triulzi (2012). Oil prices and the financial crisis. Review of Managerial Science, vol. Volume 6 , p. 227-238, ISSN: 1863-6683
20. R.D'Ecclesia, M. Brandtner (2012). Special Topic: Financial Crisis. Review of Managerial Science, vol. 6, p. 203-205, ISSN: 1863-6683
21. R. D'Ecclesia, R. Castellano (2012). CDS price volatility: the key signal. Annals of Operations Research, vol.200, p.1-21 ISSN: 0254-5330 doi: 10.1007/s11846-012-0084
22. Bencivenga, G. Sargenti, R. L. D'Ecclesia (2011) Integration of energy commodity prices in US and in Europe. Journal of Risk Management in Financial Institutions vol. 4, n.3 p. 301-313, ISSN: 1752-8887.

23. R. Castellano, R. Cerqueti and R. D’Ecclesia (2011) A disutility-based drift control for exchange rates, Optimization, p. 1-15. DOI:10.1080/02331934.2011.641016
24. R. Castellano and R. D’Ecclesia (2011) “Credit Default Swap and Rating Announcements” International Journal of Multicriteria Decision Making, Vol.7 n.1, p. 3-21.

Articles in international books or proceedings (recent publications)

25. F. Barcellona, M.Panella, V.Santucci, R.L. D'Ecclesia (2011). Commodity Prices: a neural network approach. IEE Signal Processing Letters, ISSN: 1070-9908
26. Risk management, editorial. Journal of Risk Management in Financial Institutions, vol. 4, p. 212-215, ISSN: 1752-8887
27. R. D’Ecclesia, (2012), Improving the European Commission's Prips Proposal. Structured Products Risk Magazines, Dec 17th

28. R. D’Ecclesia, Climate Futures Contracts (2016) in World Scientific Handbook in Financial Economic Series Vol. 5 p. 345-375.
29. R. D’Ecclesia, M. Bertocchi, (2013) The Bond Market in Europe. pp.1-50 in Eurobond: Markets, Infrastructues and Trend, World Scientific Publisher.
30. R. D’Ecclesia, M. Bertocchi, (2013) The Market Infrastructures pp.50-72, in Eurobond: Markets, Infrastructues and Trend, World Scientific Publisher
31. R. D’Ecclesia, V. Moriggia, (2013) Credit Rating Agencies . 113-142, in Eurobond: Markets, Infrastructues and Trend, World Scientific Publisher.
32. R. D’Ecclesia, (2013) Introduction to Pricing in Energy Markets, in Handbook of Risk Management in Energy Production and Trading. International Series in Operations Research and Management Science. Springer Verlag, 2013, pp. 30-60.

Editorial Activity

33. R. D’Ecclesia, S. Zenios; W. Ziemba. Collected works of Marida Bertocchi, World Scientific Handbooks in Financial Economics Series. Vol. 8. World Publishing. 2019.
34. R. D’Ecclesia, T. Vargiolu; Special Issue on Energy Markets Dynamics in a Changing Environment in Energy Economics. Vol. 79, 2019 pp.1-2
35. Special Issue on Commodities Financial Management: Part 1, International Journal of Financial Engineering and Risk Management, Vol.1, n.1 February 2013
36. Special Issue on Financial Modelling. Central European Journal of Operations Research, Springer Verlag Vol. 2, 2014.
37. Special Issue on Recent Development in Economics, Energy Economics, Elsevier 2014

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