Eric André

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Nationality	French

Research interests

Decision under risk and ambiguity. Financial markets and asset pricing. Axiomatic decision theory.

Academic employment

since 2015 **Associate Professor** at **emlyon business school**. Quantitative Finance & Economics department.

since 2022: Head of the Quantitative Finance & Economics department.

2015-2023: Assistant professor.

2013 - 2015 **Lecturer** (Attaché Temporaire d'Enseignement et de Recherche) at **Aix-Marseille University**, Faculty of Economics and Management.

2010 - 2013 **Teaching assistant** (Doctorant contractuel chargé de mission d'enseignement) at **Aix-Marseille University**, Faculty of Economics and Management.

Education

2015 "**Qualification aux fonctions de Maître de Conférence**" by the *Conseil National des Universités*, section 05 (Economics) and section 06 (Business Science), ref. 15206252539.

2014 **PhD in Economics**, **Aix-Marseille University**, Aix-Marseille School of Economics (UMR 7316). With highest honours.
"Three essays on the generalisation of mean–variance preferences to ambiguity".
Jury: Profs. Philippe Bertrand, André Lapied (supervisor), Olivier Le Courtois (referee), Jean-Luc Prigent (referee) and Patrick Rousseau (chairman).

2010 **Research Master in Economics**, **Aix-Marseille University**. With highest honours.

1996 **Master of Engineering**, **École Centrale Paris** (diplôme d'ingénieur des Arts et Manufactures). Major: Applied Mathematics.

Work experience

2005 - 2009 **HSBC Bank plc**, *Global Banking & Markets.* *London, UK*
Deputy to the global head of the *Global Structured Rates Products* department, in charge of the options and structured products trading activities based in London.

2003 - 2005 **WestLB AG, London Branch**, *Global Financial Markets.* *London, UK*
Head of the euro interest rates options trading desk.

2000 - 2003 **Crédit Agricole Indosuez**, *Fixed Income Department.*
US dollar interest rates options trader. *New-York, USA*
Structured products trader in all currencies. *Paris, FR*

1997 - 2000 **Crédit Commercial de France**, *Paris, FR*
Department of Rates and Foreign Exchange Markets.
Structured products trader.

1996 - 1997 **French Navy**, *Centre commandant Millé.* *Paris, FR*
Military duty as a midshipman in a scientific assignment.

Research papers

Published

André, Eric, Antoine Bommier, François Le Grand (2022). "The Impact of Risk Aversion and Ambiguity Aversion on Annuity and Saving Choices." *Journal of Risk and Uncertainty* (emlyon A), 65, pp. 33-56. ssrn

André, Eric (2016). "Crisp monetary acts in multiple-priors models of decision under ambiguity." *Journal of Mathematical Economics* (emlyon A), 67, pp. 153–161.

André, Eric (2014). "Optimal portfolio with Vector Expected Utility." *Mathematical Social Sciences* (emlyon B+), 69, pp. 50–62.

Under review

André, Eric, Guillaume Coqueret. "Dirichlet Policies for Reinforced Factor Portfolios." *Quantitative Finance* (emlyon B+, first round). ssrn

André, Eric, Lorenz Schneider, Bertand Tavin. "Measuring Information Flows in Option Markets: A Relative Entropy Approach." *The Journal of Derivatives* (emlyon B+, revise and resubmit). ssrn

Working papers

André, Eric (2022). "Ambiguity in Factor Models with Vector Expected Utility." ssrn

André, Eric (2022). "A Bayesian Application of the Variational Preferences to Optimal Portfolio Choice." ssrn

André, Eric, Olivier Le Courtois, Xiaoshan Su (2020). "Optimal Insurance for Prudent Risk Averters and Risk Lovers." Harold D. Skipper Award for the best paper presented at the Asia-Pacific Risk and Insurance Association Meeting 2019. ssrn

Work in progress

André, Eric, Bertrand Tavin. "Robust portfolio allocation under dependence uncertainty and ambiguity-aversion."

André, Eric, Silvia Faroni. "Home Bias and Learning in a Dynamic Portfolio Choice under Smooth Ambiguity."

Other research activities

PhD supervision	Silvia Faroni, main advisor: Olivier Le Courtois.
Master supervisions	Since 2015, supervision of Master in Management and Master in Finance thesis at emlyon business school.
Referee work	European Journal of Operation Research, Finance.
Discussant	PhD workshop of the "École doctorale sciences économiques et gestion" of Lyon University (Apr. 2020, Apr. 2021, 2022).
Non-specialist press	**André, Eric**, Bernard Laurent. "À Wall Street, tout va bien, merci." *La Croix*, printed edition, 6 July 2020.
Doctoral grant	Attributed for three years (2010–2012) by the French Ministry of Research.

Conferences and workshops

Jun. 2018	Foundations of Utility and Risk, York University.
Sep. 2017	GEM-emlyon workshop, Grenoble Ecole de Management.
Nov. 2015	Workshop emlyon Quant 12.
Feb. 2015	Annual Doctoral Conference of the Association for the Development of Research in Economics and Statistics, Centre d'Économie de la Sorbonne.
Nov. 2014	Association of Southern European Economic Theorists, Aix-Marseille University.
Jun. 2014	Foundations of Utility and Risk, Erasmus Universiteit.
Oct. 2013	Presentation at the Center for Financial Risk Analysis, emlyon business school.
Mar. 2013	French Finance Association Conference, emlyon business school.
Mar. 2013	7th International Finance Conference, ISC Paris School of Management and Cergy-Pontoise University.
2011, 2012	Aix-Marseille School of Economics PhD Workshop.

Teaching

emlyon business school, MSc in Management

since 2015	Portfolio Management.
2018 – 2022	Research methods applied to social sciences.
2015 – 2018	Derivatives.

emlyon business school, MSc in Finance

since 2015	Statistical analysis of financial time series with Python (formerly with Matlab).
2019 – 2022	Statistics for business using Excel.
2019 – 2022	Introduction to data analytics.
2019 – 2020	Portfolio Management.
2015 – 2018	Quantitative Risk Management.
2015	Financial mathematics

Aix-Marseille University

2010 – 2015	Tutorials in Finance (Master level), Financial markets, Microeconomics, Quantitative methods (Bachelor level).

Other skills

Computer	Extensive programming experience with Python. Matlab, R, VBA for Excel. LaTeX.
Languages	French (mother tongue), English (full professional proficiency).