



Michel Verlaine, Ph.D.
Accounting, Law and Finance Department
Speciality : Finance

Tél. + 33 (0)4.93.18.99.66
E-mail : michel.verlaine@edhec.edu

Michel Verlaine holds a Masters in Economics from the European University Institute and a Ph.D. in economics and management from Ecole Nationale Supérieure des Arts et Métiers in Paris. He also holds a certificate of specialization in Finance from HEC Paris, where he was lecturing on Asset Management topics. His research interest focuses on Portfolio optimization and risk management with a special focus on behaviour under uncertainty and statistical robustness. Michel has been working for different financial and public institutions and was a Consultant with Ernst&Young's Risk Advisory services where he was in charge of developing Asset Management consulting activities. He hence has a consultancy and research profile and his research is thus business oriented. He is notably working on the elaboration of Robust Asset Management Solutions.

EDUCATION

2002-2005	Ph.D. in economics and management, GRID Ensam Paris <u>Research Topics</u> : Portfolio optimization and risk management under uncertainty (probability distribution not well known (Knightian Uncertainty)).
1999 - 2001	M.A. in economics, European University Institute, Firenze, Italy
1994 - 1999	Graduated in economics, University of Nancy II

TEACHING EXPERIENCE

September 2006	HEC , Lecturer Course on Strategic Asset Allocation and Risk Management (http://studies.hec.fr/web/verlaine)
April 2005	Professional Risk Managers' International Association , Masterclass , Monetary Risk Measures and Preference

	Humboldt University , Lecturer Research Seminar on Dynamic Portfolio Choice
June 2004	Ecole Normale Supérieure (Cachan) , Lecturer Research Seminar on Dynamic asset allocation
May 2002	Ecole Normale Supérieure (Cachan) , Lecturer Research Seminar on Portfolio Choice and risk
2002 - 2001	Secondary school in Luxembourg , lecturer Teaching Accounting and Economics
1997 - 2001	Secondary school in Luxembourg , lecturer Teaching accounting, mathematics and economics

PROFESSIONAL NON-TEACHING EXPERIENCE

Sept. 2007 - Present	<u>EDHEC Business School, EDHEC Risk and Asset Management Research Centre</u> Business Research Director
Sept. 2006 - Aug. 2007	<u>Ernst and Young, Risk Advisory Services (Asset Management)</u> Consultant Global Financial Services-Risk Management <ul style="list-style-type: none">▪ In charge of Quantitative Finance Projects and supervising a quantitative finance team. In charge of developing risk management solutions and processes based on VaR, Expected Shortfall...▪ Involved in projects on : Risk reporting, ICAAP, option pricing, UCITS III, Basel II
Sept. 2005 - Present	<u>Group of Research on Risk, Information and Decision</u> Associate Researcher <ul style="list-style-type: none">▪ Research fields : Portfolio choice and Asset allocation, Hedge Funds, Risk Management, Real Options, Strategic Management and Integrated Management
Jan. - Aug. 2004	<u>Ministry of Economics Luxembourg, Direction of Economic Research</u> Project Manager <ul style="list-style-type: none">▪ Development of a decision model to attract corporations. The model is based portfolio approach and a real options approach to determine the value and optimal capital structure of the companies.▪ Acting as an internal consultant for applied economic research.

- In charge of the Macro-finance dossiers in view of the Luxembourg Presidency of the European Council. Preparation of the European Council (Lisbon process, Economic Policy Guidelines, Ecofin) meetings.

Expert in financial modeling in the Strategic Capital Allocation Department

Responsible for development and implementation of an enterprise-wide strategic capital allocation model

- Responsible for the calculation of economic capital / RAROC for all business units on enterprise level
- Responsible for methodology, modeling and implementation of the internal capital allocation simulation framework based on macroeconomics and stochastic calculus
- Strong involvement in Basel II projects concerning risk management and data management

Responsible for quantitative risk measurement and research for pricing and portfolio optimization for the different business units.

- Responsible for all related quantitative research including national and international knowledge exchange (universities, other financials institutions, conferences)
- Development of portfolio-optimization models for capital- and asset allocation

Internal consultant to the Head of Strategic Capital Allocation.

- Guidance on the recent developments in risk measures (coherent risk measures, different developments of VaR, comonotonicity).
- General guidance to a team member on information research needed to calibrate the model.

Summer 2000

Dexia Asset Management

Quantitative Analyst

- Project: Development of a program to model stock market indexes using co-integrated Vector Autoregressive Models.
- Consulting the Chief Investment Officer

April - August 1999

Public Research Center Gabriel Lippman

Internship: Research on econometric models to detect asset bubbles (Switching Regression Models)

April - August 1999

Public Research Center Gabriel Lippman

Internship: Econometric Modeling of Industrial Investment using Panel Data

PUBLICATIONS

Book

“Portfolio choice with Cognitive Anomalies” translated for publication in "Antologia di studi sul rischio" (Anthology about risk in economic theory), a book published by IRSA, the Italian Institute for Research and Development of Insurance

Articles

“Portfolio Choice with Cognitive Anomalies” in Luxembourg Economic Papers N° 17 2002

Workin papers

“Asset Allocation with generalized Preferences: the stationary case”, Working Paper GRID UMR 8534 CNRS /ENSAM

“Transformation of Distributions, Robustness and Coherent Risk Measures”, Working Paper GRID UMR 8534 CNRS /ENSAM

“Robust Mean Variance Portfolio Selection with generalized Preferences”, Working Paper UMR 8534 CNRS /ENSAM

In progress

“Asset pricing with generalized preferences”

“Dynamic Risk Measures with generalized Preferences”

“Option pricing in incomplete markets when preferences are non-expected utility”

Conference presentations

Robust dynamic asset allocation with generalized preferences, XI International Conference on the foundations & applications of utility, risk and decision theory, June 2004

Robust Portfolio Selection with generalized Preferences: A Methodology for Private Banking, Meeting of the French Finance Association, Dec 2004

Robust Portfolio Selection with generalized Preferences: A Methodology for Private Banking, 3rd International Finance Conference, March 2005

Dynamic Portfolio choice and risk measures with generalized preferences, 20th Annual Congress of the European Economic Association, August 2005

PROFESSIONAL ASSOCIATIONS

- Member of the American Economic Association
- Member of the American Finance Association
- Member of the Econometric Society
- Member of the Professional Risk Managers' International Association
- Member of the French Finance Association
- Member of the European Finance Association