



Robert Kimmel, PhD

Accounting, Law, Finance and Economics Department

Professor – Speciality : Finance

Assistant Academic Director of the PhD
in Finance programme for Asia.

Phone : + 65 6823 1514

Fax : + 65 6823 1376

E-mail : robert.kimmel@edhec.edu

Robert Kimmel joined EDHEC Business School from the Fisher College of Business at Ohio State University in September 2010. He was previously Assistant Professor at Princeton University, serving in the Department of Economics and at the Bendheim Centre for Finance. His research interests have to do with non-linear models of the term structure of interest rates, estimation of continuous-time stochastic processes, and theoretical asset pricing models. He has published in top finance journals, notably in the Journal of Financial Economics, and refereed for more than twenty leading journals in financial economics, financial econometrics, and quantitative methods.

EDUCATION

- **PhD Finance**, University of Chicago, Graduate School of Business, 2001.
- **M.B.A.**, University of Chicago, Graduate School of Business, concentrations in Analytic Finance and Econometrics.
- **M.S., Computer Science**, Columbia University, concentration in computer networks.
- **B.S.E. Computer Science and Engineering**, University of Pennsylvania.

TEACHING EXPERIENCE

09-2010 to present	Professor of Finance, Assistant Academic Director of the EDHEC-Risk Institute PhD in Finance for Asia, EDHEC Business School.
2006-2010	Assistant Professor , The Ohio State University, Fisher College of Business.
2002-2006	Assistant Professor , Princeton University, Department of Economics and Bendheim Center for Finance.
2000-2002	Instructor , Princeton University, Department of Economics and Bendheim Center for Finance.

PUBLICATIONS

Modeling the Term Structure of Interest Rates: A New Approach, *Journal of Financial Economics*, 2004.

Market Price of Risk Specifications for Affine Models: Theory and Evidence, *Journal of Financial Economics* (with Patrick Cheridito and Damir Filipovic), 2007.

Maximum Likelihood Estimation of Stochastic Volatility Models, *Journal of Financial Economics* (with Yacine Aït-Sahalia), 2007.

Working Papers

Complex Times: Asset Pricing and Conditional Moments under Non-Linear Diffusions, 2007.

Changing Times: Accurate Solutions to Pricing and Conditional Moment Problems in Non-Affine Continuous-Time Models, 2007.

Maximum Likelihood Estimation of Multifactor Term Structure Models (with Yacine Aït-Sahalia), 2007.

A Note on the Canonical Representation of Affine Diffusions (with Patrick Cheridito and Damir Filipovic), 2007.

Risk Premia in Linear Factor Models: Theoretical and Econometric Issues, 2006.

Affine Latent Variable Models: Evidence and Estimation Techniques, 2001.

Work in Progress

Estimating non-Affine Term Structure Models. Applies techniques developed in Complex Times: Asset Pricing and Conditional Moments under Non-Linear Diffusions to develop a large class of non-linear term structure models in which bond prices can be approximated with uniform (in maturity) accuracy in closed-form.

Bond Pricing in Multiple Factor Non-Affine Term Structure Models. Extends techniques developed in Complex Times: Asset Pricing and Conditional Moments under Non-Linear Diffusions to multivariate diffusions, allowing uniform (in maturity) approximation of bond prices in multifactor non-linear models in closed-form.

Higher Order Simulated Maximum Likelihood Estimation of Diffusions (with Jaya Bishwal). Develops a more efficient method for simulation of discretely-observed paths of diffusion processes, for use in simulation-based estimation methods.

OTHER

- **Fellow**, Mathey College, Princeton University 2002-2006.
- **Academic Advisor**, Mathey College, Princeton University, 2004-2006. Responsible for academic advising of approximately twenty freshman and sophomores each year.
- **Finance Certificate Program Representative**, Princeton University, 2005-2006. Responsible for administration of undergraduate certificate program in finance.