

ERWAN MORELLEC

Swiss Finance Institute at EPFL, Extranef 210, Ch-1015 Lausanne-Dorigny, Switzerland
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PERSONAL DATA

Born 08/30/1971; French and Swiss citizen
Married, 2 children (Paul, born 03/24/2000, and Liz, born 11/18/2002)

EDUCATION

1999 **HEC Paris**, PhD in Finance, *Summa cum Laude*.
PhD Thesis: "Corporate investment and financing decisions: A real options approach."
Dissertation adviser: Bernard Dumas

ACADEMIC APPOINTMENTS

Currently **Professor of Finance**, Professor of Finance, Ecole Polytechnique Fédérale de Lausanne (EPFL), Ch-1015 Lausanne-Dorigny, Switzerland (2008-)
Research Fellow, Center for Economic Policy Research (CEPR) (2009-)
Senior Research Chair, Swiss Finance Institute, Switzerland (2006-)
Head of the Swiss Finance Institute nation-wide PhD program (2006-)
Head of the PhD program in finance at EPFL (2009-2012; 2018-)
Head of the Swiss Finance Institute Léman Center (Universities of Geneva and Lausanne and Ecole Polytechnique Fédérale de Lausanne) (2009-2016)
Project Director for NCCR FINRISK, Swiss National Science Foundation (2003-2013)
Coordinator for Education, NCCR FINRISK Swiss NSF (2005-2013)
Co-founder (2008) and **chairman** (2008-2011) of the Swiss Finance Institute at EPFL

2003-2008 **Professor of Finance**, HEC Lausanne, Ch-1015 Lausanne-Dorigny, Switzerland
Research Affiliate, Center for Economic Policy Research (CEPR; 2004-2009)
Head of the FAME doctoral program, Switzerland. (2004-2006)
Member of the board for executive education, FAME, Switzerland (2004-2006)

1999-2003 **Assistant Professor of Finance**, William E. Simon School of Business Administration, University of Rochester, Rochester NY 14627, USA

1996-1999 **Lecturer**, HEC Paris, France; EDHEC Nice, France; and ESA Beirut, Lebanon

FELLOWSHIPS, AWARDS, AND INVITED TALKS

- 2019 **Best teacher award**, Master in Management, Technology, and Entrepreneurship, Ecole Polytechnique Fédérale de Lausanne.
- 2018 **Best teacher award**, Master in Management, Technology, and Entrepreneurship, Ecole Polytechnique Fédérale de Lausanne. Nominated for University wide teaching prize.
- 2018- Senior member **Finance Theory Group**.
- 2016 **Invited speaker**, FRIC'16 Conference on Financial Frictions, Copenhagen Business School, Denmark.
- 2016 **Invited speaker**, Annual Conference on Corporate Finance (Lancaster University, Manchester University, University of Bristol and University of Exeter).
- 2015 Dauphine-Amundi **Research Prize** in Asset Management.
- 2015 **Invited speaker**, Hong Kong University of Science and Technology Symposium on Corporate Finance, Hong Kong.
- 2014-2015 **Research grant** from the Fondation Banque de France. Co-Principal investigator (with Julien Hugonnier). Topic: *Bank Capital, Liquid Reserves, and Insolvency risk*.
- 2014-2018 Invited member of the **Finance Theory Group**.
- 2013 **Best teacher award**, Master in Management, Technology, and Entrepreneurship, Ecole Polytechnique Fédérale de Lausanne. Course: *Principles of Finance*.
- 2012-2016 **Research grant** from the Swiss Finance Institute. Principal investigator. Topic: *Corporate Liquidity, Governance, and Agency Costs*. (Budget: Sfr. 375'000)
- 2012- Listed in **Who's Who in the World**.
- 2009-2012 **Research grant** from the Swiss National Science Foundation. Principal investigator. Topic: *Dynamic Corporate Finance: Theory and Tests*. (Budget: Sfr. 1'100'000).
- 2009- **Research Fellow**, Center for Economic Policy Research (CEPR), London.
- 2008 **Invited speaker**, conference on "Corporate Governance" Fondation Ramon Akeres.
- 2007 **Keynote speaker**, European Institute for Advanced Studies in Management conference on Default Risk and Financial Distress, University of Rennes, France.
- 2006- **Senior Research Chair**, Swiss Finance Institute, Switzerland.
- 2006 **Barclays Global Investors Award** (Runner-up prize, with Dirk Hackbarth) of best conference paper at the 2006 European Finance Association meetings.
- 2006 **Invited speaker**, 6th SAFE conference, University of Verona, Italy.
- 2005-2008 **Research grant** from the Swiss National Science Foundation. Principal investigator. Topic: *Dynamic Corporate Finance*. (Budget: Sfr. 760'000).

- 2004-2009 **Research Affiliate**, Center for Economic Policy Research (CEPR), London.
- 2004-2006 **Research Paper Award**, International Center FAME. Awarded in 2004, 2005, and 2006.
- 2003-2004 **Research grant** from the Swiss National Science Foundation. Principal investigator.
Topic: *Credit Risk: Theory and Evidence*. (Budget: Sfr. 450'000).
- 2000-2003 **Teaching Honor Roll**, William E. Simon Graduate School of Business Administration,
University of Rochester. Course: MBA *Corporate Finance*. Awarded: 2000, 2001, & 2003.
- 2002 **Leadership Award**, William E. Simon Graduate School of Business Administration,
University of Rochester. Awarded by the MBA students.
- 1996-1999 **PhD Scholarship**, HEC School of Management. Paris, France.
- 1996 **Bronze Medal of the National Defense**, French army, France. (Completed French
military service obligations 1995-1996.)

RESEARCH

Research Interests

Corporate Finance, Corporate Governance, and Banking: Agency conflicts; Capital structure and financing decisions; Investment under uncertainty and real options; Credit risk; Risk management; Liquidity management; Banking regulation.

Current research

“Debt, innovation, and growth”
Working paper EPFL. (with T. Geelen and J. Hadja)

“Cash flow shocks and financing policies”
Working paper EPFL. (with S. Gryglewicz, L. Mancini, E. Schroth, and P. Valta)

“Security token offerings”
Work in progress EPFL. (with S. Gryglewicz and S. Mayer)

Journal articles

“Short-term debt and incentives for risk-taking”
Journal of Financial Economics Forthcoming. (with M. Della Seta and F. Zucchi)

“Agency conflicts and short- vs long-termism in corporate policies”
Journal of Financial Economics Forthcoming. (with S. Gryglewicz and S. Mayer)

“Product market competition and option prices”
Review of Financial Studies Forthcoming. (with A. Zhdanov)

“Agency conflicts around the world”

Review of Financial Studies 31, 4232-4287, 2018. (with B. Nikolov and N. Schürhoff)

Featured in Governance March 2019 Issue 295

Featured in the Harvard Law School Forum on Corporate Governance

“Bank capital, liquid reserves, and insolvency risk”

Journal of Financial Economics 125, 266-285, 2017. (with J. Hugonnier)

Recipient of a Fondation Banque de France Research Grant

“Corporate policies with permanent and transitory shocks”

Review of Financial Studies 30, 162-210, 2017. (with J.P. Décamps, S. Gryglewicz and S. Villeneuve)

“Debt enforcement, investment, and risk taking across countries”

Journal of Financial Economics 123, 22-41, 2017. (with G. Favara, E. Schroth, and P. Valta)

“Financing investment: The choice between bonds and bank loans”

Management Science 61, 2580-2602, 2015. (with P. Valta and A. Zhdanov)

“Capital supply uncertainty, cash holdings, and investment”

Review of Financial Studies 28, 391-445, 2015. (with J. Hugonnier and S. Malamud)

“Credit market frictions and capital structure dynamics”

Journal of Economic Theory 157, 1130-1158, 2015. (with J. Hugonnier and S. Malamud)

“Corporate governance and capital structure dynamics”

Journal of Finance 67, 803-848, 2012. (**Lead article**) (with B. Nikolov and N. Schürhoff)

Featured in the Harvard Law School Forum on Corporate Governance

“Corporate investment and financing under asymmetric information”

Journal of Financial Economics 99, 262-288, 2011. (with N. Schürhoff)

“Dynamic investment and financing under personal taxation”

Review of Financial Studies 23, 101-146, 2010. (with N. Schürhoff)

“Financing and takeovers”

Journal of Financial Economics 87, 556-581, 2008. (with A. Zhdanov)

“Stock returns in mergers and acquisitions”

Journal of Finance 63, 1203-1242, 2008. (with D. Hackbarth)

Runner up prize for the Barclays Global Investors Best Paper Award EFA 2006

“Closed-form solutions to stochastic switching problems”

Journal of Mathematical Economics 44, 1072-1083, 2008. (with P. François)

“Agency conflicts and risk management”

Review of Finance 11, 1-23, 2007. (**Lead article**) (with C. W. Smith Jr)

“Corporate control and real investment in incomplete markets”

Journal of Economic Dynamics and Control 31, 1781-1800, 2007. (with J. Hugonnier)

“Capital structure, credit risk, and macroeconomic conditions”

Journal of Financial Economics 82, 519-550, 2006. (with D. Hackbarth and J. Miao)

“On the debt capacity of growth options”

Journal of Business 79, 37-59, 2006. (with M. J. Barclay and C. W. Smith Jr)

“Irreversible investment with regime shifts”

Journal of Economic Theory 122, 37-59, 2005. (with X. Guo and J. Miao)

“The dynamics of mergers and acquisitions”

Journal of Financial Economics 77, 649-672, 2005. (with A. Zhdanov)

“Can managerial discretion explain observed leverage ratios?”

Review of Financial Studies 17, 257-294, 2004.

“Capital structure and asset prices: Some effects of bankruptcy procedures”

Journal of Business 77, 387-411, 2004. (with P. François)

“Asset liquidity, capital structure, and secured debt”

Journal of Financial Economics 61, 173-206, 2001. **(Lead article)**

“Noisy information and investment decisions: A note”

Finance 20, 201-209, 1999. (with L. Gauthier)

Book chapters

“Real options and risk aversion”

in *Ambiguity, Real Options, Credit Risk and Insurance*, IOS Press, Amsterdam. (with J. Hugonnier)

“Investment under uncertainty with implementation delay”

in *New Developments and Applications in Real Options*, Oxford Univ. Press. (with L. Gauthier)

Other publications (in French)

“La gestion des risques dans les institutions financières: Les leçons de la crise”

Le Temps, Septembre 2012.

“Faut-il émettre des cocos ?”

Le Temps, Mai 2011.

“L’enseignement de la finance en pleine mutation”

Le Temps, Avril 2011.

“Enracinement des dirigeants et création de valeur”

L’Agefi, Haute Finance, Octobre 2004.

“Stock options: définition, utilisation, et bénéfices”

L’Agefi 2003.

“Théorie des options et investissements: Une présentation simplifiée”

Banque et Marchés 30, 1998. (with M. Chesney)

“Options réelles et investissements”

Les Echos, *L’Art de la Finance*, 1997. (with M. Chesney)

PROFESSIONAL ACTIVITIES

Editorial positions

Associate editor *Journal of Corporate Finance*, 2018-
Associate editor *Review of Corporate Finance Studies*, 2010-2015

Conference organization

Co-organizer of the Cambridge-Lausanne Workshop in finance (2018, 2019)
Co-organizer of the 4 Nations Cup in Lausanne (2014)

Session chair

American Finance Association; European Finance Association

Discussant

American Finance Association; European Finance Association; French Finance Association;
Foundation for the Advancement of Research in Financial Engineering (FARFE)

Program committee

American Finance Association; European Finance Association; French Finance Association; Western Finance Association; Paris Corporate Finance Conference; SFS Finance Cavalcade; 4nations Cup; Finance down under; Cambridge Corporate Finance Theory Symposium; CEPR Annual Spring Symposium in Financial Economics; Cass Corporate Policies and Asset Prices conference

Reviewer

National Science Foundation (USA); Hong Kong Research Grants Council; Social Sciences and Humanities Research Council (Canada); Research Foundation Flanders (Belgium); Research Promotion Foundation of Cyprus; Swiss National Science Foundation

Referee

American Economic Review; Annals of Operations Research; Econometrica; Economic Theory; Finance; International Economic Review; Journal of Accounting and Economics; Journal of Banking and Finance; Journal of Corporate Finance; Journal of Economic Dynamics and Control; Journal of Economic Theory; Journal of Finance; Journal of Financial Economics; Journal of Financial Intermediation; Journal of Financial and Quantitative Analysis; Journal of International Money and Finance; Journal of Monetary Economics; Journal of Money, Credit, and Banking; Journal of Political Economy; Management Science; Rand Journal of Economics; Review of Economic Studies; Review of Finance; Review of Financial Studies

Seminar presentations

Banque de France, BI Norwegian School of Management, Bocconi University, Boston University, Cambridge University, Carnegie Mellon University (Tepper), Cass Business School, CERAM, Collegio

Carlo Alberto, Copenhagen Business School, Ecole Polytechnique Fédérale de Lausanne, Erasmus University Rotterdam, ESSEC, Fondation Ramon Aceres Madrid, HEC Montreal (x3), HEC Paris, INRIA, Hong Kong University of Science and Technology, Imperial College London, INSEAD (x4), Instituto de Empresa, London Business School (x3), London School of Economics (x2), McGill Desautels School of Management (x3), MIT Sloan (x2), NHH Norwegian School of Business Administration and Economics, Nova Business School Lisbon, Sabanci University, SFI Research Days in Gerzensee, Stanford GSB, Swiss National Bank, Tilburg University, University of Amsterdam (x2), University College Dublin, University of Bern, University of Bologna, University of California Berkeley, University of Groningen, University of Lancaster (x2), University of Lausanne (x3), University of Paris-Dauphine, University of Rennes, University of Rochester (department of mathematics), University of Rochester Simon School (x2), University of St Gallen, University of Verona, University of Vienna, University of Warwick, University of Wisconsin Madison, University of Zurich, Vienna University of Economics and Business

SERVICE

Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland, 2008-

Head of the PhD program in finance at EPFL, 2008-2010 and 2018-
Member of the Finance PhD committee at EPFL, 2008-
Steering committee, Master in Financial Engineering, 2008-
Teaching committee, Master in Financial Engineering, 2008-
Member of the commission de coordination UNIL-EPFL in finance, 2009-
Member of the Promotion and Tenure committee of the College of Management, 2008-
EPFL PhD TA working group, 2018
Chairman of the Swiss Finance Institute @ EPFL, 2008-2011
Co-founder of the Swiss Finance Institute @ EPFL, 2008
Finance Recruiting Chair, 2009-2011
Member of the Council of the College of Management, 2008- 2010
Member of the Executive Committee of the College of Management, 2008-2010
Development of a PhD program in Finance, 2008
Director of Master in Financial Engineering, 2008-2009
Member of the recruiting commission in Finance, 2008-2009
Member of the University-wide doctoral commission, 2008-2010
Member of the recruiting commission in Mathematics of Decision Sciences, 2019

Swiss Finance Institute, Switzerland

Head of the nation-wide doctoral program, 2006-
Member of the committee for the outstanding research paper prize: 2006-
Head of the Léman center (Universities of Geneva and Lausanne and EPFL): 2009-2016

Swiss National Science Foundation, Switzerland

Project director for NCCR FinRisk, Credit Risk, 2003-2005
Project director for NCCR FinRisk, Corporate Finance and Financial Innovation, 2005-2009
Project director for NCCR FinRisk, Dynamic Corporate Finance: Theory and Tests, 2009-2013
Coordinator for doctoral education for NCCR FinRisk, 2005-2013

University of Lausanne, Ecole des HEC, Switzerland

Coordinator of the PhD Seminar Series in Finance, 2003-2004
Head of the PhD program in Finance, 2004-2008
Member of the school-wide PhD Commission, 2005-2008
Member of the committee for the EMBA curriculum, 2003-2005
Member of the strategic task force, 2006
Member of recruiting commissions in Accounting, 2005-2007
Member of recruiting commissions in Economics, 2004-2006
Member of recruiting commissions in Finance, 2003-2008
Member of the Commission for Academic Planning, 2006-2008

University of Geneva, Switzerland

Member of recruiting commissions in Finance, 2005-2010

International Center FAME, Switzerland

Head of the doctoral program, 2004-2006
Member of the scientific council, 2004-2006
Member of the committee for the FAME prize: 2004, 2005, 2006

Swiss Banking School, Switzerland

Member of the Academic Advisory Council, 2005-2006

University of Rochester, Simon School of Business, USA

Coordinator of the finance seminar series: 1999-2002
Member of the PhD Committee: 2000-2003

TEACHING EXPERIENCE

Ecole Polytechnique Fédérale de Lausanne, Switzerland

Principles of finance (MTE, 2010-)
Dynamic corporate finance (PhD program, 2008-)
Real options and financial structuring (MFE, 2009-2012)
Introduction to finance (MFE, 2008-2009)
Cases in finance (MFE, 2009-2010)

Swiss National Bank

Instruments of financial markets (Studienzentrum Gerzensee, 2003-)

University of Lausanne, Switzerland, 2003-2008

Principles of finance (MS)
Applied corporate finance (MS)

Financial institutions management (MS)
Gestion des institutions financières (BS)
Real options (PhD program)
PhD seminar in finance (PhD program)
Corporate finance (PhD program)

Executive education in Switzerland

Corporate financial policy (Rochester-Bern EMBA, 2014-2016)
Credit risk (International Center FAME, 2006-2010)
Derivative instruments and financial engineering (Swiss Banking School, 2003-2006)

University of Rochester, USA, 1999-2003

Corporate financial policy (MBA, Rochester-Bern EMBA)
Dynamic asset pricing theory (PhD program)

Prior teaching experience, 1997-1999

Applied statistics (MBA, ESA Beyrouth, Lebanon)
Corporate finance (MBA, ESA Beyrouth, Lebanon)
Dynamic asset pricing theory (MSc Finance Internationale, HEC Paris, France)
Corporate finance (MS, Edhec Nice, France)
Microeconomics (MS, Edhec Nice, France)
Derivatives markets (MS, Edhec Nice, France)
Principes de finance (MS, Edhec Nice, France)

PHD SUPERVISION

Adviser or committee member

Richmond D. Mathews, University of Rochester, 2003
Placement: *Duke University*

Jianjun Miao, University of Rochester, 2003
Placement: *Boston University*

Evgeny Lyandres, University of Rochester, 2004
Placement: *Rice University*

Alexei Zhdanov, University of Rochester, 2005
Placement: *University of Lausanne*

Robert Niu, University of Lausanne, 2007
Placement: *Simon Fraser University*

Lukas Schmid, University of Lausanne, 2007
Placement: *Duke University*

Boris Nikolov, University of Lausanne, 2008 (Adviser)
Placement: *University of Rochester*

Maria Cecilia Bustamante, University of Lausanne, 2009 (Adviser)
Placement: *London School of Economics*

Philip Valta, Ecole Polytechnique Fédérale de Lausanne, 2010 (Adviser)
Placement: *HEC Paris*

Rodolfo Prieto, Ecole Polytechnique Fédérale de Lausanne, 2010
Placement: *Boston University*

Julien Cujean, Ecole Polytechnique Fédérale de Lausanne, 2012
Placement: *University of Maryland*

Ngoc Giang Hoang, Ecole Polytechnique Fédérale de Lausanne, 2015 (Co-Adviser)
Placement: *Utrecht University*

Stefano Colonnello, Ecole Polytechnique Fédérale de Lausanne, 2015 (Co-Adviser)
Placement: *Halle Institute for Economic Research*

Francesca Zucchi, Ecole Polytechnique Fédérale de Lausanne, 2015 (Adviser)
Placement: *Federal Reserve Board*

Vincent Bogousslavsky, Ecole Polytechnique Fédérale de Lausanne, 2017
Placement: *Boston College*

Christoph Herpfer, Ecole Polytechnique Fédérale de Lausanne, 2017
Placement: *Emory University*

Yalda Sigrist, Ecole Polytechnique Fédérale de Lausanne, 2017 (Co-Adviser)
Placement: *Industry*

Thomas Geelen, Ecole Polytechnique Fédérale de Lausanne, 2018 (Co-Adviser)
Placement: *Copenhagen Business School*

Damien Klossner (Adviser)
Ecole Polytechnique Fédérale de Lausanne, In residence

Sylvain Carré
Ecole Polytechnique Fédérale de Lausanne, In residence

Suzanne Vissers (Adviser)
Ecole Polytechnique Fédérale de Lausanne, In residence

External examiner

Entela Saliassi, University of Lausanne, 2003; **Carole Bernard**, University of Lyon, 2005; **Laurent Frésard**, University of Neuchatel, 2008; **Zhihua Chen**, University of Lausanne, 2009; **Jürg Burkhard**, University of Lausanne, 2010; **Stefano Sacchetto**, London Business School, 2010; **Natalia Guseva**, University of Lausanne, 2011; **Ramona Westermann**, University of Geneva, 2012; **Natalya Klimenko**, University of Aix-Marseille, 2013