



## **Bruno BIAIS**

Professor of Finance. Toulouse University. Place Anatole France. 31000, Toulouse, France.

(33) 5 61 12 85 89. biais@cict.fr

### **Research Interests**

Market Microstructure

Corporate Finance

Political Economy

Psychology and Economics

Experimental Economics

Development Economics

### **Education**

1985: HEC (Paris), undergraduate diploma in Business Administration

1987: Institut d'Études Politiques (Paris), Master in Political Science

1988: Sorbonne, Master in Philosophy

1989: HEC (Paris), PHD in Finance

### **Position**

2004-present: Research director, CNRS-GREMAQ, Toulouse University

1994-2004: Professor of Finance, Toulouse University

2002: Deutsche Bank Visiting Chair Professor of Finance, Saïd Business School, Oxford University

2000: Visiting Professor of Finance, London Business School

1993: Visiting Assistant Professor of Finance, Carnegie Mellon University

1990-1992: Assistant Professor of Finance, HEC (Paris)

### **Main courses taught**

PHD: Market microstructure, Corporate Finance, Contract Theory

MBA: Market design and trading strategies, Corporate Finance, Investments

Undergraduate: Financial Theory

### **PHD advisor**

I was the PHD advisor of Thierry Foucault (now associate professor at HEC), Laurent Germain (now associate professor at ESCT), Catherine Casamatta (now associate professor at Toulouse University), Antoine Renucci (now assistant professor at Paris University), Sebastien Pouget (now assistant professor at Georgia State University). I am currently the PHD advisor of Sabrina Buti, Weihua Huang and Sebastien Marty.

### **Other Academic Responsibilities**

Currently associate editor of the Review of Economic Studies, the Journal of the European Economic Association, and the Journal of Financial Markets. Formerly associate editor of the Journal of Finance and of the Review of Financial Studies. Formerly program director, Financial Economics Program, Center for economic Policy Research.

### **Awards**

Paris Bourse award for the best PHD dissertation, NYSE award for the best paper on equity trading at the Western Finance Association Meetings, CNRS Bronze medal, Junior Fellowship of the Institut Universitaire de France (1999-2003), Q group grant for the research project "Equilibrium Asset Pricing Under Heterogeneous Information", INQUIRE grant for the research project "Operational Risk and Capital Requirements in the European Investment Fund Industry".

### **Contacts with Industry**

Scientific advisor of Euronext (Paris Bourse) and FEFSI (European Federation of Investment Firms). Member of the Scientific Committee of EuroMTS (largest European bond market). Visiting economist at the New York Stock Exchange.

## **Publications**

### Corporate Finance:

"Strategic Liquidity Supply and Security Design", *Review of Economic Studies*, 2004

(with THOMAS MARIOTTI), [forthcoming]

"An Optimal IPO Mechanism", *Review of Economic Studies*, vol. 69, 2002, p. 117-146

(with PETER BOSSAERTS and JEAN-CHARLES ROCHET)

"IPO Auctions: English, Dutch, ... French and Internet", *Journal of Financial Intermediation*, vol. 11, 2002, p. 9-36 (with ANNE-MARIE FAUGERON-CROUZET)

"Informal and Formal Credit Markets and Credit Rationing in Côte d'Ivoire", *Oxford Review of Economic Policy*, vol. 17, n. 4, Winter 2001, p. 520-534, (with JEAN-PAUL AZAM, MAGUEYE DIA and CHRISTINE MAUREL-TELMON)

"Optimal Leverage and Aggregate Investment", *Journal of Finance*, 1999 (with CATHERINE CASAMATTA)

"Trade Credit and Credit Rationing", *Review of Financial Studies*, vol. 10, 1997, p. 903-937

(with CHRISTIAN GOLLIER)

### Market Microstructure:

"Market Microstructure: a Survey of Microfoundations, Empirical Results and Policy Implications", *Journal of Financial Markets*, 2004, (with LARRY GLOSTEN and CHESTER SPATT)

[forthcoming]

"Incentive Compatible Contracts for the Sale of Information", *Review of Financial Studies*, vol. 15, 2002, p. 987-1003 (with LAURENT GERMAIN)

"Competing Mechanisms in a Common Value Environment", *Econometrica*, vol. 68, 2000, p. 799-837

(with DAVID MARTIMORT and JEAN-CHARLES ROCHET)

"Short Sales Constraints, Liquidity and Price Discovery: an Empirical Analysis on the Paris Bourse", *European Financial Management*, vol. 5, n. 3, 1999, p. 395-409 (with CHRISTOPHE BISIÈRE and JEAN-PAUL DÉCAMPS)

"Price Discovery and Learning during the Preopening Period in the Paris Bourse", *Journal of Political Economy*, 1999 (with PIERRE HILLION and CHESTER SPATT)

"An Empirical Analysis of the Order Flow and Order Book in the Paris Bourse", *Journal of Finance*, 1995 (with PIERRE HILLION and CHESTER SPATT)

"Insider and Liquidity Trading in Stock and Options Markets", *Review of Financial Studies*, 1994 (with PIERRE HILLION)

"Price Formation and Equilibrium Liquidity in Centralized and Fragmented Markets", *Journal of Finance*, 1993

#### Political Economy:

"Privatization versus Regulation in Developing Economies: the Case of West African Banks", *Journal of African Economies*, vol. 13, n. 3, 2004, p. 361-394, (with JEAN-PAUL AZAM and MAGUEYE DIA)

"Machiavellian Privatization", *American Economic Review*, vol. 92, n. 1, 2002, p. 240-248 (with ENRICO PEROTTI)

#### Finance and Psychology:

"Judgmental Overconfidence, Self-Monitoring and Trading Performance in an Experimental Financial Market", *Review of Economic Studies*, 2004, (with DENIS HILTON, KARINE MAZURIER and SÉBASTIEN POUGET) [forthcoming]

"Asset Prices and Trading Volume in a Beauty Contest", *Review of Economic Studies*, vol. 65, 1998, p. 307-340 (with PETER BOSSAERTS)

"On the Survival of Irrational Traders : A Darwinian Approach", *European Economic Review*, vol. 44, 2000, p. 469-490 (with RAPHAËL SHADUR)

#### **Work in progress**

#### Corporate Finance and entrepreneurship:

"Dynamic Security Design", October 2004 (with THOMAS MARIOTTI, GUILLAUME PLANTIN and JEAN-CHARLES ROCHET)

"Credit, Wages, and Bankruptcy Laws", *IDEI Working Paper*, October 2003, (with THOMAS MARIOTTI)

"Operational Risk and Capital Requirements in the European Investment Fund Industry", January 2003 (with CATHERINE CASAMATTA and JEAN-CHARLES ROCHET)

"Entrepreneurs and new ideas", May 2003, (with ENRICO PEROTTI)

"Risk Aversion and Entrepreneurship in Côte d'Ivoire: A Structural Econometric Approach", May 2003, (with JEAN-PAUL AZAM and THIERRY KAMIONKA)

Market microstructure:

"Liquidity and the Cost of Funds in the European Treasury Market", June 2004  
(with ANTOINE RENUCCI and GILLES SAINT-PAUL)

"Imperfect Competition in Financial Markets: ISLAND versus NASDAQ", November 2003 (with CHRISTOPHE BISIÈRE and CHESTER SPATT)

"Equilibrium Asset Pricing Under Heterogeneous Information", March 2003  
(with PETER BOSSAERTS and CHESTER SPATT)

**Contributions to books**

"Risk Sharing, Adverse Selection and Market Structure", *Financial Mathematics*, Lectures Notes on Mathematics, 1997, Springer Verlag, (with JEAN-CHARLES ROCHET)