

# CURRICULUM VITÆ

## Frédéric KOESSLER

Nationality: French  
Date of birth: 29.07.1975  
Married, 2 children

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## Fields of specialization

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Non cooperative game theory and applications: incomplete information, communication, strategic information certification, mechanism design, bounded rationality, experimental economics.

## Education

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- Habilitation à diriger des recherches, University of Cergy-Pontoise, 2009.
- Ph.D. in Economics, University of Strasbourg, 2001. Advisor: Gisèle Umbhauer.
- Degree of advanced studies in Economic Analysis, University of Strasbourg, 1998.

## Academic positions

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- Since 2011: CNRS Senior Researcher, and Associate Chair at Paris School of Economics.
- 2007–2010: CNRS Junior Researcher, and affiliated Professor at Paris School of Economics.
- 2002–2007: CNRS Junior Researcher at Thema, University of Cergy-Pontoise.
- 2004–2005: Research Fellow of the Institute for Advanced Studies, Hebrew University of Jerusalem.
- 1998–2002: Teaching assistant, University of Strasbourg, Department of Economics.

## Invitations to Research Centers

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- July 2014 CIREQ, Concordia University.
- April 2012 and May 2013: New York University.
- April 2010: CIREQ, Université de Montréal.
- February–March 2010: Department of Economics, University of California San Diego.

- June 2006 and June 2007: Department of Economics, Universitat Autònoma de Barcelona.
- 2004–2005: Hebrew University of Jerusalem.
- April, May and September 2003: Max Planck Institute for Research into Economic System, Jena.

## Research

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### Publications

1. “Certifiable Pre-Play Communication: Full Disclosure” (avec Jeanne Hagenbach et Eduardo Perez-Richet), *Econometrica*, 2014, 82, 3, 1093–1131.
2. “Using or Hiding Private Information? An Experimental Study of Zero-Sum Repeated Games with Incomplete Information” (avec Nicolas Jacquemet), *Games and Economic Behavior*, 2013, 78, 103–120.
3. “Committing to Transparency to Resist Corruption” (avec Ariane Lambert-Mogiliansky), *Journal of Development Economics*, 2013, 100, 100 (117–126).
4. “When Does a Firm Disclose Product Information?” (avec Regis Renault), *Rand Journal of Economics*, 2012, 43(4), 630–649.
5. “Information aggregation and belief elicitation in experimental parimutuel betting markets” (avec Charles Noussair et Anthony Ziegelmeyer), *Journal of Economic Behavior and Organization*, 2012, 83(2), 195–208.
6. “Optimal Delegation with Multi-dimensional Decisions” (avec David Martimort), *Journal of Economic Theory*, 2012, 147(5), 1850–1881.
7. “Strategic Communication Networks” (with Jeanne Hagenbach), *Review of Economic Studies*, 2010, 77(3), 1072–1099.
8. “Fragility of Information Cascades: An Experimental Study Using Elicited Beliefs” (with Juergen Bracht, Eyal Winter and Anthony Ziegelmeyer), *Experimental Economics*, 2010, 13, 121–145.
9. “Long Persuasion Games” (with Françoise Forges), *Journal of Economic Theory*, 2008, 143(1), 1–35.
10. “Road Traffic Congestion and Public Information: An Experimental Investigation” (with Kene Boun My, Laurent Denant-Boèmont, and Anthony Ziegelmeyer), *Journal of Transport Economics and Policy*, 2008, 42(1), 43–82.
11. “Transmission stratégique de l’information et certification” (with Françoise Forges), *Annales d’Économie et de Statistique*, 2008, 89, 3–61.
12. “Multistage Communication with and without Verifiable Types” (with Françoise Forges), *International Game Theory Review*, 2008, 10(2), 145–164.
13. “Lobbying with Two Audiences : Public vs Private Certification”, *Mathematical Social Sciences*, 2008, 55(3), 305–314.
14. “Parimutuel Betting under Asymmetric Information” (with Charles Noussair et Anthony Ziegelmeyer), *Journal of Mathematical Economics*, 2008, 44(7–8), 733–744.

15. “Revisiting Games of Incomplete Information with Analogy-Based Expectations” (with Philippe Jehiel), *Games and Economic Behavior*, 2008, 62(2), 533–557.
16. “Coordination stratégique et connaissance commune dans les réseaux de communication” (with Jeanne Hagenbach), *Revue d’Économie Industrielle*, 2006, 114, 185–204.
17. “Communication Equilibria with Partially Verifiable Types” (with F. Forges), *Journal of Mathematical Economics*, 2005, 41(7), 793–811.
18. “Biais en faveur de l’outsider et nature des mises sur un marché expérimental de pari mutuel” (with M.-H. Broihanne and A. Ziegelmeyer), *Revue Économique*, 2005, 56 (5), 1065–1087.
19. “Strategic Knowledge Sharing in Bayesian Games”, *Games and Economic Behavior*, 2004, 48(2), 292-320.
20. “Sequential Parimutuel Betting in the Laboratory” (with M.-H. Broihanne and A. Ziegelmeyer), *Journal of Risk and Uncertainty*, 2004, 28(2), 165-186.
21. “Coordination des politiques budgétaires et monétaires dans l’UEM en présence de chocs et d’informations asymétriques”, (with S. Duchassaing), *Revue Économique*, 2004, 55(1), 5-20.
22. “The Favorite-Longshot Bias in Sequential Parimutuel Betting with Non-Expected Utility Players” (with M.-H. Broihanne and A. Ziegelmeyer), *Theory and Decision*, 54 (3), 231–248, 2003.
23. “Persuasion Games with Higher-Order Uncertainty”, *Journal of Economic Theory*, 110(2), 393–399, 2003.
24. “Common Knowledge and Consensus with Noisy Communication”, *Mathematical Social Sciences*, 42(2), 139–159, 2001.
25. “Common Knowledge and Interactive Behaviors: A Survey”, *European Journal of Economic and Social Systems*, 14(3), 271–308, 2000.

#### Working papers

- “Evidence Based Mechanisms” (with Eduardo Perez-Richet), July 2014.
- “Sales Talk” (with Vasiliki Skreta), July 2014.
- “Ambiguous Audit” (with Mehdi Ayouni), July 2014.
- “Truth-telling in Matching Markets” (with Jeanne Hagenbach and Thomas Tregouet), December 2013.
- “Extortion and Political Risk Insurance” (with Ariane Lambert-Mogiliansky), March 2013.

#### Selected Seminars

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2013–2014: EUI Florence, University of Warwick, Université de Paris 1, Sciences Po Paris, Columbia University, Humboldt University of Berlin, Toulouse School of Economics, University of Bielefeld, Université de Strasbourg, Séminaire Parisien de théorie des jeux (IHP).

2011–2012: Yale University; New York University ; Université de Marseille ; Séminaire Parisien de théorie des jeux ; Universitat Pompeu Fabra ; IESE Business School ; Université de Berne ; Université de Grenoble ; Université de Lille.

2009–2010: Université de Rome Tor Vergata ; University College London ; HEC Paris ; Séminaire Économie et Psychologie (PSE) ; Université de Mannheim ; Université de Montréal ; University of California San Diego ; University of Southern California ; Séminaire X-LEI ; Séminaire “Théorie des jeux et transports” (Commissariat Général au Développement Durable) ; Max Planck Institute for Research on Collective Goods (Bonn) ; Université de Bristol ; Séminaire Parisien de théorie des jeux.

2006–2008: Journée math-éco, Université de Lille ; Université de Montpellier ; Université de Leicester ; Université de Toulouse ; Université de Strasbourg ; Université d’Alicante ; Université Autonome de Barcelone ; Université de Caen ; University College London.

2003–2005: Université de Copenhague ; Université de Saint-Etienne ; Technion, Haifa ; Tel Aviv University ; Hebrew University of Jerusalem, Center for Rationality ; Université de Toulouse ; Université de Paris 1 ; Université de Tilburg ; Université de Strasbourg ; Max Planck Institute, Iena ; Séminaire Parisien de théorie des jeux ; Séminaire RID (Risque, Incertitude et Décision) ; Séminaire économie cognitive, Maison des Sciences Économiques, Paris.

## Selected Conferences

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- Mathematical Aspects of Game Theory and Applications, Roscoff, 2014.
- Conference on “Mechanism design by an informed principal”, Mannheim, 2014.
- Games Toulouse, 2011.
- Transatlantic Theory Workshop, Oxford, 2010.
- Workshop “Incentives Spring”, Toulouse School of Economics, 2009.
- CESifo Conference on Applied Microeconomics, 2009.
- World Congress of the Game Theory Society, Northwestern University, 2008.
- Workshop on Strategic Communication and Networks, Valencia, 2006 and 2007.
- Mini-Conference on Information and Prediction Markets, London Business School, 2005.
- Workshop on Stochastic Methods in Game Theory, Erice, 2005.
- Summer Festival on Game Theory, Stony Brook, 2005.
- European Summer Symposium in Economic Theory, Gerzensee, 2004.
- World Congress of the Game Theory Society, Marseille, 2004.
- Summer Festival on Game Theory, Stony Brook, 2003.
- Italian Meeting on Game Theory and Applications, Urbino, 2003.
- European ESA Meeting, Strasbourg, France, 2002.
- Logic and the Foundations of the Theory of Games and Decisions (LOFT 5), Torino, 2002.
- Annual Congress of the European Economic Association, Bozen-Bolzano, 2000.

- World Congress of the Econometric Society, Seattle, 2000.
- World Congress of the Game Theory Society, Bilbao, 2000.
- Spanish Meeting in Game Theory and Applications, Valencia, 2000.
- CORE Summer School on “Information in Games, Markets and Organizations”, Louvain la Neuve, 2000.
- Young Economists’ Conference, Oxford University, 2000.

## Main Teaching

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- Sciences Po Paris, since 2012: *Graduate Microeconomics*
- M2, Paris School of Economics, since 2007: *Topics in Games and Information*
- École Nationale des Ponts et Chaussées (Economics Department), 2007–2013: *Decision and Game Theory*
- ESSEC Business School, Master program “Management and Decision Science”, 2006–2012: *Introduction to Game Theory*
- Professional Master in Public Policy, École Nationale des Ponts et Chaussées, 2004–2009: *Introduction to Decision and Game Theory*
- M2, Cergy-Pontoise, 2005–2009: *Game Theory*
- M2, University of Paris 1, 2003–2007: *Theory of Incentives*
- Licence, University of Cergy-Pontoise, 2003–2006: *Introduction to Game Theory*
- M2, University of Paris-Nanterre, 2003–2004: *Microeconomics of Uncertainty*
- TA, University of Strasbourg, 1998–2002: *Game Theory, Undergraduate Microeconomics, Industrial Organization*
- *Correlation, communication, information transmission*, Game Theory Summer School at Aussois (France) on “Information transmission, repeated games, learning”, June 2010.

## Miscellaneous

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- Member of the Editorial Board of *Annales d’Économie et de Statistique* (2009– ), *International Journal of Game Theory* (2008–2014), *Theory and Decision*, (2014– ). Excellence in Refereeing Award 2013 at the *American Economic Review*
- Distinctions: Malinvaud prize, AFSE, 2012; CNRS Bronze Medal, 2010; Distinguished CESifo Affiliate in Applied Microeconomics, 2009.
- Seminar and conference organizations:
  - Roy-Adres economic theory seminar, since 2012.
  - Working group “Games and Ambiguity”, since 2013.
  - Transatlantic Theory Workshop, PSE, 2014.

- International workshop “Ambiguity in Games and Mechanisms”, PSE, 2013.
  - International workshop “Communication and Beliefs Manipulation”, PSE, 2012.
  - International workshop “Information Transmission and Persuasion in Games”, PSE, 2010.
  - Game Theory Seminar in Paris (Institut Henri Poincaré), 2005–2012.
  - Microeconomic theory lunch seminar at University of Cergy-Pontoise (2005–2007) and Paris School of Economics (2007–2012).
- Ph.D. supervising: Mehdi Ayouni (Cergy-Pontoise, with Regis Renault) 2012–; Jeanne Hagenbach (Paris 1, with Jean-Marc Tallon) 2005–2009, Junior researcher at CNRS since 2010.
  - Member of the CNRS national committee in economics and management (2012–2016).
  - Member of the council of Paris-Jourdan Sciences Economiques (since 2014).
  - Coordinator and member of the PSE-NYU exchange program since 2012.
  - Member of the scientific committee of the 4th World Congress of the Game Theory Society (2012, Istanbul).

Paris, August 2014.