

# Estelle CANTILLON

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## CURRENT ACADEMIC POSITION

2016 – present FNRS Research Director, ECARES, Université Libre de Bruxelles

## OTHER APPOINTMENTS

2/2019 Visiting scholar at EHESS Paris  
2017 – 2019 Visiting Professor, KU Leuven  
2017 – present Deputy Chair of the Scientific Council of the Brussels Institute for Statistics and Analysis  
2016 – present Joint Managing Editor, The Economic Journal  
2016 – present Associated researcher, Toulouse School of Economics  
2015 – present Member of the Advisory Board, WZB Berlin  
2011 – present Steering Committee, Rethinking Belgium (Re-Bel initiative)  
2010 – present Executive Committee, “Matching in Practice” research network  
2010 – present European Economic Association  
Current: Standing Committee on Research (Chair, 2017 -), Women in Economics committee (2016 - ).  
Past: Council Member (2010-16), Executive Committee (2014-2016), Audit Committee (Chair, 2016 - 2018), Standing Committee on Research (2011-14), Nominating Committee (2012, 2014, 2015)  
2009 – present Research Fellow, Centre for Economic Policy Research (CEPR)  
2008 – present Associate Editor, Rand Journal of Economics  
2008 – present Member of OXERA’s Economics Council

## PAST APPOINTMENTS

2014 – 2015 Visiting Professor of Public Policy, Harvard Kennedy School of Government  
2011 – 2016 FNRS Senior Research Associate, ECARES, Université Libre de Bruxelles  
2011 – 2014 Executive Committee, European Association for Research in Industrial Economics  
2011 – 2013 Member of the Scientific Committee of the Belgian Observatory for Energy  
2004 – 2011 FNRS Research Associate, ECARES, Université Libre de Bruxelles  
2001 – 2006 Assistant Professor, Harvard Business School (on leave 2004-06)  
2000 – 2008 Research Affiliate, Centre for Economic Policy Research (CEPR)  
2000 – 2001 Post-doctoral Fellow, Cowles Foundation, Yale University

## EDUCATION

2000 Ph.D. in Economics, Harvard University (USA)  
1995 M.Phil. in Economics, Cambridge University (UK)  
1994 M.Sc. in Management and Applied Sciences, Université Libre de Bruxelles (Solvay)

## RESEARCH INTERESTS

Microeconomics, Market Design, Industrial Organization, Environmental Economics

## REFEREED PUBLICATIONS

1. Information Aggregation in Emissions Markets with Abatements (with Aurélie Slechten), forthcoming *Annals of Statistics and Economics*
2. Broadening the Market Design Approach to School Choice, *Oxford Review of Economic Policy*, November 2017, 33(4), 613-634.
3. The Multi-unit Assignment Problem: Theory and Evidence from Course Allocation at Harvard (with Eric Budish), *American Economic Review*, August 2012, 102(5), 2237-71.
4. Competition between Exchanges – a Research Agenda (with Pai-Ling Yin), *International Journal of Industrial Organization*, 29(3), May 2011, 329-336
5. Procurement when Price and Quality Matter (with John Asker), *Rand Journal of Economics*, 41(1), Spring 2010, 1-34.
6. Regulating School Choice in Brussels, *Brussels Studies*, 34, November 2009.
7. Properties of Scoring Auctions (with John Asker), *Rand Journal of Economics*, 39(1), Spring 2008, 69-85.
8. The Effect of Bidders' Asymmetries on Expected Revenue in Auctions, *Games and Economic Behavior*, 62 (2008), 1-25.
9. Investment Incentives in Procurement Auctions (with Leandro Arozamena), *Review of Economic Studies*, 71(1), January 2004, 1-18.
10. A Graphical Analysis of some Basic Results in Social Choice (with Antonio Rangel), *Social Choice and Welfare*, 19, 2002, 587-611.

## BOOK CHAPTERS AND POLICY-ORIENTED PUBLICATIONS

1. Developments in Data for Economic Research (with 19 other authors), in: R. Blundell et al. (2017), *Economics without Borders – Economic Research for European Policy Challenges*, Cambridge University Press.
2. Auctions for the support of renewables : When and how ?, report for DG COMP (European Commission), August 2014
3. What support mechanism is needed for flexible capacity in Belgium?, in A. Estache (ed.), *The Next Generation of Economic Issues in Energy Policy in Europe*, CEPR, 2014.
4. Mixité sociale: le rôle des procédures d'inscriptions scolaires, in : Ph. Maystadt et al. (Eds), *Proceedings of the 20<sup>th</sup> Congress of Belgian French-speaking Economists*, November 2013, CIFO editions (on the role of the school choice mechanism in promoting social diversity in school intakes)
5. Quel enfant dans quelle école? Réflexions sur les inscriptions scolaires en Belgique (with Nicolas Gothelf), in: de Calataÿ et al. (Eds), *Proceedings of the 18<sup>th</sup> Congress of Belgian French-speaking Economists*, November 2009, CIFO Editions.
6. Auctioning Bus Routes: The London Experience (with Martin Pesendorfer), in: Peter Cramton, Yoav Shoham and Richard Steinberg (eds.), *Combinatorial Auctions*, MIT press, January 2006.
7. Quality Issues in Contracts - Great Britain (with Yves Mathieu), *Proceedings of the Annual Conference of the International Association for Public Transport (UITP)*, Florence, Italy, April 1995.

## EDITED BOOKS

1. Blundell, R., E. Cantillon, B. Chizzolini, M. Ivaldi, W. Leininger, R. Marimon, L. Matyas, F. Steen (2017), *Economics without Borders – Economic Research for European Policy Challenges*, Cambridge University Press.
2. Maystadt, Ph., E. Cantillon, L. Denayer, P. Pestieau, B. Van der Linden and M. Cattelain (2013), *Le Modèle social belge: Quel avenir? (The future of the Belgian Social Model)*, Proceedings of the 20<sup>th</sup>

## RESEARCH PAPERS

1. Competition between Exchanges - Lessons from the Battle of the Bund (with Pai-Ling Yin, Stanford), May 2017
2. Combination Bidding in Multi-unit Auctions (with M. Pesendorfer, LSE), CEPR WP 6083, February 2007
3. Electoral Rules and the Emergence of New Issue Dimensions, CEPR WP 2769, January 2001.

## WORK IN PROGRESS

1. Endogenous preferences and the role of the mechanism in school choice
2. Information aggregation: The role of participation and risk management constraints (with Aurélie Slechten)
3. Respecting priorities versus respecting preferences in school choice: When is there a tradeoff? (with Li Chen and Juan Pereyra)
4. What is price discovery achieving in the New Zealand electricity market? (joint with Stefan Bergheimer)

## CASES

1. Euronext.liffe and the Over-the-Counter Derivatives Market, Harvard Business School Case 9-706-515 and 9-706-516 (Teaching note: 9-706-517), July 2006
2. Bringing OTC back to the Exchange: Euronext.liffe's Launch of ABC, Harvard Business School Case 9-706-489, March 2006 (with P.L. Yin) (Teaching Note 5-706-490), March 2006
3. The Music Industry and the Internet (with B. Anand), Harvard Business School Case 703-513, April 2003 (Teaching Note N5-704-431), April 2003  
The New York Stock Exchange versus Nasdaq (with T. Khanna and A. Radhakrishnan), Harvard Business School Case, 703-439, December 2002.
4. NYSE versus Nasdaq: International Competition (with T. Khanna, A. Radhakrishnan and D. Lane), Harvard Business School Case, 703-435, December 2002.

## TEACHING EXPERIENCE

MBA	Strategy (Harvard Business School)
Masters	Environmental Economics (ULB), Advanced Microeconomics for Policy (Harvard HKS)
Ph.D.	Advanced Microeconomics (Yale), Market Design (Harvard and ECARES), Industrial Organization (ECARES – KU Leuven)
Exec.Ed.	Organization of Financial Markets (TransConstellation), Strategy-making in Financial Markets (TransConstellation)

## GRADUATE STUDENTS

Paolo Casini (Ph.D. ECARES-ULB 2009, first placement: KU Leuven, Belgium)  
Maria Eugenia Sanin (Ph.D. CORE-UCL 2009, first placement: Ecole Polytechnique, France)  
Aurélie Slechten (Ph.D. ECARES-ULB 2013, first placement: University of Lancaster, UK)  
François Koulischer (Ph.D. ECARES-ULB 2016, first placement: Banque de France, France)  
Li Chen (Ph.D. ECARES – ULB 2016, first placement: University of Gothenburg, Sweden)  
Luisa Dressler (Ph.D. ECARES-ULB 2017, first placement: OECD)

## AWARDS AND HONORS

2018-19	Francqui Chair, Université Saint Louis
2010	European Economic Association, fellow
2010	ULB Foundation prize
2005	Baron Alexandre Lamfalussy Fellowship, European Central Bank
2002 – 2003	Richard Hodgson Fellow, Harvard Business School
2000	David A. Wells Prize for Best Ph.D. Dissertation, Harvard University, Economics Department

2000 Young Economist Award from the European Association of Research in Industrial Economics (with L. Arozamena)

## RESEARCH GRANTS AND FELLOWSHIPS

2015 – 2017 Belgian National Science Foundation (FNRS) research grant “Empirical validation and theoretical developments from school choice data”

2008 – 2013 European Research Council (ERC) starting independent investigator grant “Market Design and the Evolution of Markets”

2008 – 2013 Actions de Recherches Concertées (ARC) grant on “Market Evolution, Competition and Policy: Theory and Evidence” (with M. Dony, G. Kirchsteiger and P. Legros)

2008 NET Institute Summer Grant (with Pai-Ling Yin)

2006 – 2008 Belgian National Science Foundation (FNRS) research grant “Empirical Research in Market Design”

2005 – 2006 Belgian National Bank research grant “Competition between Markets”

2004 – 2006 Belgian National Science Foundation (FNRS) research grant “Research in Multi-unit and Multi-attribute Auctions”

2002 – 2005 National Science Foundation research grant “Identification, Estimation and Computation in Multi-Unit Auctions” (with M. Pesendorfer)

1999 – 2000 Harvard University Eliot fellowship

1997 – 2000 Belgian National Science Foundation doctoral fellowship (FNRS)

1997 Harvard University summer graduate fellowship

1995 – 1996 Rotary Foundation fellowship

1994 – 1995 Wiener - Anspach Foundation fellowship for study at Oxford or Cambridge

## INVITED LECTURES

Dec. 2018 Plenary lecture, Symposium of the Spanish Economic Association

Sept. 2018 Keynote lecture, Arne Ryde Workshop in Market Design, Lund University

April 2017 Keynote lecture, 3<sup>rd</sup> international MATCH-UP workshop, Boston MA

March 2017 Keynote lecture, LEER workshop on Education Economics, Leuven

August 2013 Invited lecture, Annual Congress of the European Economic Association, Gothenburg

July 2012 13<sup>th</sup> Trento Summer School (CEEL program in adaptive dynamics): Market Design: Theory and Pragmatics, lectures on endogenous preferences in school choice

Sept. 2010 Invited lecture, Annual Congress of the European Association for Research in Industrial Economics (EARIE), Istanbul

August 2003 Invited lecture, Annual Congress of the European Economic Association, Stockholm

## ACADEMIC SERVICE

### Academic service at home institution (main appointments only):

#### Université Libre de Bruxelles:

2017 – Academic coordinator, Sustainable Development @ Solvay initiative

2016 – 2017 Vice-Dean for Academic Programmes, Solvay Brussels School of Economics and Management

2015 – 2016 Co-director of the Research Master in Economics

2014 – 2016 Member of the University Academic Council and the Plenary Assembly

2013 – Co-director of the Master in Business Economics

2013 – 2016 Co-director of the ECARES doctoral school

2010 – 2013 Member of the University Research Council

2008 – 2011 Vice-Dean for Research, Solvay Brussels School of Economics and Management

#### Harvard University:

2001 – 2004 Member of Business Economics Ph.D. Committee, Harvard Business School

1997 – 2000 Co-organizer of the *Political Economy Lecture Series* (PELS), Economics Department

### **Conference organizations:**

- Co-chair of the Annual Congress of the European Economic Association, Lisbon 2017
- COEURE workshop on “Developments in data and methods for economic research”, Brussels, July 2015
- COEURE workshop on “R&D, innovation and growth”, Brussels, June 2015
- 20<sup>th</sup> Congress of Belgian French-speaking economists, scientific chair for Commission 4 “Education from the perspective of the Belgian social model”, November 2013
- ESF strategic workshop on “Matching in the EU: Market failures and solutions” (UAB, Nov. 2012)
- Workshop on Education Policy: Empirics and Design (KU Leuven, June 2010)
- Workshop on School Enrollment Policies (Université Libre de Bruxelles, Jan 2009)
- Exploratory Workshop on the Regulation of Airport Noise (Université Libre de Bruxelles, Dec. 2007)
- CORE/ECARES/LEA workshop on auctions (Université Libre de Bruxelles, Nov. 2001)

### **Program committees (conference series):**

- Workshops on Peer-to-Peer Systems: 2004
- Econometric Society Winter Meeting: 2006
- Econometric Society European Meeting (ESEM): 2006, 2007, 2009, 2011
- European Association for Research in Industrial Economics (EARIE): 2008, 2011, 2012, 2013, 2014
- European Economic Association Annual Congress: 2011, 2012, 2013, 2014, 2016
- Matching in Practice: Fall 2010, Spring 2011, Fall 2011, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Fall 2017
- Matching under Preferences (MATCH-UP) conference: 2012, 2015

### **Other academic service:**

**Ad-hoc referee** for various journals including the *American Economic Review*, *Econometrica*, *Games and Economic Behavior*, *Journal of Economic Theory*, *Journal of Political Economy*, *Rand Journal of Economics*, and the *Review of Economic Studies*

**Ad-hoc reviewer** for the US National Science Foundation, the Belgian National Science Foundations (FNRS and FWO), the French National Science Foundation (ANR), the European Research Council (ERC), and the World Bank.

**Ad-hoc outside referee** in the context of recruitments and tenure decisions.

**Panel member** for SH1 Panel, European Research Council, 2010 and 2011 (starting grants); **deputy chair**, 2013 (consolidator grants).

**Panel member** FNRS – FRESH doctoral grants, 2015, 2016

Scientific coordinator (ULB node) for the FP7 coordination and support action “*COEURE: Cooperation for European research in Economics*” (2013-2016). This action is led by the Toulouse School of Economics and CEPR on behalf of the European Economic Association.

### **LANGUAGES**

Fluent in French and English. Passive knowledge of Dutch, German and Spanish.