

# Estelle CANTILLON

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Solvay Brussels School of Economics and Management and ECARES  
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## CURRENT ACADEMIC POSITION

2011 – present FNRS Senior Research Associate, ECARES, Université Libre de Bruxelles

## OTHER APPOINTMENTS

2011 – Member of the Scientific Committee of the Belgian Observatory for Energy  
2011 – Executive Committee, European Association for Research in Industrial Economics (EARIE)  
2011 – Steering Committee, Rethinking Belgium (Re-Bel initiative)  
2011 – 2014 Standing Committee on Research, European Economic Association  
2010 – Steering Committee, “Matching in Practice” research network  
2010 – 2014 Elected council member, European Economic Association  
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

2004 – 2011 FNRS Research Associate, ECARES, Université Libre de Bruxelles  
2001 – 2006 Assistant Professor, Harvard Business School  
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  
1995 M.Phil. in Economics, Cambridge University  
1994 M.Sc. in Management and Applied Sciences, Université Libre de Bruxelles (Solvay Business School)  
1992 Candidate in Physics (first two years of B.Sc. in Physics), Université Libre de Bruxelles

## RESEARCH INTERESTS

Microeconomics, Market Design, Industrial Organization, Environmental Economics

## **REFEREED PUBLICATIONS**

- The Multi-unit Assignment Problem: Theory and Evidence from Course Allocation at Harvard (with Eric Budish), May 2011, forthcoming *American Economic Review*
- Competition between Exchanges – a Research Agenda (with Pai-Ling Yin), *International Journal of Industrial Organization*, 29(3), May 2011, 329-336 (special issue)
- Procurement when Price and Quality Matter (with J. Asker), *Rand Journal of Economics*, 41(1), Spring 2010, 1-34.
- Regulating School Choice in Brussels, *Brussels Studies*, 34, November 2009
- Properties of Scoring Auctions (with J. Asker), *Rand Journal of Economics*, 39(1), Spring 2008, 69-85.
- The Effect of Bidders' Asymmetries on Expected Revenue in Auctions, *Games and Economic Behavior*, 62 (2008), 1-25
- Investment Incentives in Procurement Auctions (with L. Arozamena), *Review of Economic Studies*, 71(1), January 2004, 1-18.
- A Graphical Analysis of some Standard Results in Social Choice (with A. Rangel), *Social Choice and Welfare*, 19, 2002, 587-611.

## **BOOK CHAPTERS**

- Quel enfant dans quelle école? Réflexions sur les inscriptions scolaires en Belgique (with N. Gothelf), Proceedings of the 18<sup>th</sup> Congress of Belgian French-speaking Economists, November 2009, CIFO Editions
- Auctioning Bus Routes: The London Experience (with M. Pesendorfer), in: Peter Cramton, Yoav Shoham and Richard Steinberg (eds.), *Combinatorial Auctions*, MIT press, January 2006.
- Quality Issues in Contracts - Great Britain (with Y. Mathieu), *Proceedings of the Annual Conference of the International Association for Public Transport* (UITP), Florence, Italy, April 1995.

## **RESEARCH PAPERS**

- Competition between Exchanges - Lessons from the Battle of the Bund (with Pai-Ling Yin), May 2011, under revision for the *American Economic Review*
- Combination Bidding in Multi-unit Auctions (with M. Pesendorfer), second revise and resubmit, *Econometrica*
- Electoral Rules and the Emergence of New Issue Dimensions, January 2001.

## **WORK IN PROGRESS**

- Asymmetric Network Effects (with Pai-ling Yin)
- Private and Public Preferences for Social Diversity in Schools

## **CASES**

- The New York Stock Exchange versus Nasdaq (with T. Khanna and A. Radhakrishnan), Harvard Business School Case, 703-439, December 2002.
- NYSE versus Nasdaq: International Competition (with T. Khanna, A. Radhakrishnan and D. Lane), Harvard Business School Case, 703-435, December 2002.
- The Music Industry and the Internet (with B. Anand), Harvard Business School Case 703-513, April 2003 (Teaching Note N5-704-431), April 2003.
- 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
- 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

## **TEACHING EXPERIENCE**

MBA	Strategy (Harvard Business School)
Masters	Topics in Environmental Economics (ULB)
Ph.D.	Advanced Microeconomics (Yale) Market Design (Harvard and ECARES) Graduate 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)

Maria Eugenia Sanin (Ph.D. CORE-UCL 2009, first placement: Ecole Polytechnique, Paris)

## **AWARDS**

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, for paper “Investment Incentives in Procurement Auctions” (with L. Arozamena)

## **GRANTS**

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 Marianne Dony, Georg Kirchsteiger and Patrick 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

## **RECENT SEMINAR AND CONFERENCE PRESENTATIONS (excluding discussions)**

2011 – 2012	Universitat Pompeu Fabra, Central European University (Budapest), VI <sup>th</sup> workshop on economic decisions (Malaga), Re-Bel, workshop « economic design and institution » (faculté universitaires St Louis), CREST –Ecole Polytechnique.
2010 – 2011	EARIE Istanbul (invited session), Maastricht, Essex, Tilburg, Matching in Practice conference (WZB Berlin), Columbia, Bonn

- 2009 – 2010 Universitat Autònoma de Barcelona, University of Amsterdam, Oxford, KU Leuven, Paris School of Economics, Humbolt University Berlin, Helsinki, Gerzensee, La Pietra Conference (Florence), EEA Congress Glasgow
- 2008 – 2009 Bocconi University, Toulouse School of Economics, Facultés Universitaires St Louis (Brussels), CREST Paris, Birkbeck, Mannheim, NBER market design conference, Bristol Conference on School Choice in an International Perspective
- 2007 – 2008 University of Antwerp, Stanford, MTS conference Rome, Stockholm School of Economics.
- 2006 – 2007 ECORE, Mannheim (Jamboree), Paris I - Sorbonne, Arizona State University, Maastricht, FUNDP Namur, CRESE (Université de Besançon), CEPR IO meeting, Dagstuhl.
- 2005 – 2006 NYU Stern, Consip (Rome), CEPR Brussels conference, Séminaire Roy (Paris), GREQAM (Aix-Marseille), Yale, Northwestern, Carlos III (Madrid), IESE Barcelona
- 2004 – 2005 CORE, Penn State, Essex, LSE, UCL, CEMFI (Madrid), Barcelona Workshop on Auction Markets.

## ACADEMIC SERVICE

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

#### Université Libre de Bruxelles:

- 2010 – Member of the University Research Council
- 2008 – 2011 Director of Research and member of the executive board, 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 or conference program committees:

- CORE/ECARES/LEA workshop on auctions (Université Libre de Bruxelles, Nov. 2001)
- Second Workshop on Peer-to-Peer Systems (Harvard, June 2004)
- Econometric Society Winter Meeting (Boston, January 2006)
- Econometric Society European Meeting (ESEM, Vienna, August 2006).
- Econometric Society European Meeting (ESEM, Budapest, August 2007)
- Exploratory Workshop on the Regulation of Airport Noise (Université Libre de Bruxelles, Dec. 2007)
- European Association for Research in Industrial Economics (EARIE, Toulouse, August 2008)
- Workshop on School Enrollment Policies (Université Libre de Bruxelles, Jan 2009)
- Econometric Society European Meeting (ESEM, Barcelona, August 2009)
- Workshop on Education Policy: Empirics and Design (KU Leuven, 24-25 June 2010)
- Matching in Practice network, first workshop (WZB, Berlin, November 2010)
- Econometric Society European Meeting (ESEM, Oslo, August 2011)
- European Association for Research in Industrial Economics (EARIE, Stockholm, September 2011)
- Matching in Practice network, second workshop (ECARES, Brussels, May 2011)
- Matching in Practice network, third workshop (Budapest, November 2011)

**Ad-hoc referee** for the *American Economic Review*, *BE Journals*, *Econometrica*, *Economic Theory*, *Economics Letters*, *European Economic Review*, *Games and Economic Behavior*, *International Journal of Industrial Economics*, *Journal of the American Statistical Association*, *Journal of Economic Theory*, *Journal of Industrial Economics*, *Journal of Political Economy*, *Journal of Public Economics*, *Journal of Theoretical Public Economics*, *Management Science*, *Production and Operations Management*, *Quarterly Journal of Economics*, *Rand Journal of Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Review of International Economics*.

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

**Panel member** for SH1, European Research Councilm 2010 and 2011

## **LANGUAGES**

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