

CECILIA VERGARI

Curriculum Vitae et Studiorum

January 2009

Personal information

Place and Date of Birth : Roma, Italy, July 8, 1978

Country of Citizenship : Italy

Address: Via Borgonuovo 21/2, 40125 Bologna, Italy

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Actual position

Assistant professor, Department of Economic Sciences, University of Bologna

Research Interests

Industrial Organization. Strategic behaviours in network industries; patents and incentives to innovate; competition policy. Bayesian Networks in decision theory and game theory.

Education

- January 14, 2008: **PhD in Economics** at Université Catholique de Louvain-La-Neuve, Belgium. Thesis' title: "Adoption and provision of new technologies". Academic Committee: Vincent Vannetelbosch (supervisor), Rabah Amir, Paul Belleflamme, Vincenzo Denicolò and Jean Gabszewicz.
- April 20, 2007: **Doctorate degree in Statistical Methods for Economics and Business** at the Department of Economics, University of Rome ROMA TRE. Academic committee: Julia Mortera, Mario Tirelli, Paola Vicard, Faculty of Economics, University of Rome III. Academic jury: Carlo Bianchi (Università di Pisa), Andrea Giommi (Università di Firenze), Alberto Roverato (Università di Bologna).
- September 2003: **Master of Arts in Economics** at the Department of Economic Sciences, Université Catholique de Louvain-La-Neuve, with final evaluation distinction. Final thesis in Industrial Organization (supervisor: Prof. Rabah Amir, Université Catholique de Louvain-La-Neuve; reader: Prof. Vincent Vannetelbosch, Université Catholique de Louvain-La-Neuve): "Herd behaviour and strategic complementarities".

- April 2002: **First Degree (“Laurea”) in Economics** at the Faculty of Economic Sciences, University of Rome III, Italy, with final evaluation 110/110 cum laude. Final thesis in Statistics (supervisor: Prof. Julia Mortera, Faculty of Economics, University of Rome III; reader: Prof. Mario Tirelli, Faculty of Economics, University of Rome III): “Learning in Bayesian Networks: theory and economic applications”. Object: learning Bayesian Networks from data and the use of this statistical tool as an alternative one to analyse and to solve economic models under uncertainty [the main application is the model by Kydland-Prescott (JPE, 1977)].

Publications and Working Papers

- “Adoption and provision of new technologies”, January 2008, PhD thesis (collection of 4 articles in Industrial Organization):
 - “Incentives to innovate in oligopolies”, joint with Paul Belleflamme, forthcoming in Manchester School.
 - “Herd behavior in adoption of network technologies”, 2005, Journal of Economics, vol. 86: 161-182.
 - Compatibility choice in vertically differentiated technologies, joint with Filomena Garcia. CORE DP 2008/14 (http://www.uclouvain.be/cps/ucl/doc/core/documents/coreDP2008_14.pdf)
 - “Market integration and licensing in network industries”, joint with Ana Mauleon e Vincent Vannetelbosch.
- Market integration in network industries, joint with Ana Mauleon and Vincent Vannetelbosch, 2008, Economics Bulletin, vol. 12 (25): 1-7 and CORE DP 2008/25.
- “Representing and solving games with Bayesian networks”, 2007, Doctorate Thesis, University of Roma Tre.
- “Incentives to innovate in oligopolies”, joint with Paul Belleflamme, CORE Discussion Paper 2006/14 (http://www.core.ucl.ac.be/services/psfiles/dp06/dp2006_14.pdf).
- “Herd behaviour, strategic complementarities and technology adoption, CORE Discussion Paper 2004/63 (http://www.core.ucl.ac.be/services/psfiles/dp04/dp2004_63.pdf).

Work in progress

- Object-oriented Bayesian networks for repeated prisoner’s dilemmas, joint with Julia Mortera and Paola Vicard.

- “Optimal licensing with bargaining and incomplete information”, joint with Ana Mauleon and Vincent Vannetelbosch.
- “Strategic protection from P2P network”, joint with Antonio Minniti

Visiting appointments

March 15-20, 2008: Université Catholique de Louvain (UCL), Louvain-la-Neuve (Belgium). Invited by professors. Vincent Vannetelbosch and Ana Mauleon (UCL, FNRS e CEREC, Facultés Universitaires Saint-Louis).

Fellowships

October 2007 – October 2008: post-doctoral fellowship, sponsored by the University of Bologna.

November 2005: 14-month post-graduate studies Fellowship, sponsored by the Université Catholique de Louvain-La-Neuve, CORE.

November 2002: three-year post-graduate studies Fellowship, sponsored by the University of Rome III, Department of Economics.

2001: five-month Scholarship for the SOCRATES/ERASMUS program at the Universidad Autonoma de Madrid, Madrid (Spain).

Presentations at the following conferences, workshops and seminars

- European meeting of the Econometric Society (ESEM), Università Commerciale Luigi Bocconi, August 27-31, 2008.
- Intertic conference on “Endogenous market structure and Industrial Policy”, Università di Milano, Bicocca, June 5-6, 2008.
- Lunch seminar, DSE, Università di Bologna, April 9, 2008.
- CREI seminar, Università degli Studi Roma Tre, November 15, 2007.
- Doctoral Workshop in Economics, Université catholique de Louvain-la-Neuve (UCL), Belgio, May 25, 2007.
- Seminar CEREC, FUSL, Facultés universitaires Saint-Louis, Bruxelles, May 3, 2007.
- Workshop on “Innovation, R&D, and Adoption of New Technology”, Kiel University (Germany), June 15-16, 2006.
- Doctoral Workshop in Economics, Université catholique de Louvain-la-Neuve (UCL), Belgium, January 26-27, 2006.

- Spring School in International Economy and in Industrial Economy, University of Aix - Marseille, May 26-27, 2005.
- Doctoral Workshop in Economics, Université catholique de Louvain-la-Neuve (UCL), Belgium, May 19-20, 2005.
- Doctoral Workshop in Economics, Université catholique de Louvain-la-Neuve (UCL), Belgio, May 24-25, 2004.

Teaching

- Academic year 2007-2008: Teaching assistant in Statistics, in Italian, University of Roma Tre (prof. Julia Mortera); Teaching assistant in Microeconomics, in Italian, University of Bologna, (prof. Alfredo Minerva)
- February-August 2007: Teaching Assistant in Game Theory, in French, Facultés Universitaires Saint Louis, (prof. Thierry Lavendomme).

Other activities

- **Referee** for:
 - *Journal of Economics*
 - *Conflict Management and Peace Science*
 - *Manchester School*
- **Doctoral Workshop Organizer**, Department of Economics, Catholic University of Louvain (UCL), Belgium (June 2004-February 2006).

Languages

Italian (mother tongue)

English (fluent, both spoken and written)

French (good, both spoken and written)

Spanish (good, both spoken and written)

Computational skills

Mathematical and Statistical Packages (E-views, Hugin, Mathematica, Minitab, Stata, TSP)

Latex Packages, MS Office (Microsoft Word, Power Point, Excel).