

CURRICULUM VITAE

LUCIA SBRAGIA

Lecturer in Economics
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EDUCATION

- 2005 Ph.D. in Economics at the Economics Department of the Catholic University of Milan, Italy. Dissertation title: “Common pool natural resource management under bounded rationality: a dynamical analysis”.
- 2001 B. S. in Business Economics, summa cum laude, at the University of Urbino, Italy. Thesis title: Dinamica e impatto dell’innovazione in Europa [Dynamics and impact of innovation in Europe].

LANGUAGES

Italian: native; English: fluent; French: elementary

RESEARCH INTERESTS

Game Theory (Oligopoly Games, Evolutionary Games, Dynamic Games)
Natural Resources Management (Fishery, Pollution)
Complex Nonlinear Systems (Dynamic Modeling, Discrete Dynamic Models)

TEACHING INTERESTS

Microeconomics
Industrial Organization
Natural Resource Management
Mathematics for Economics

PUBLICATIONS

RESEARCH PAPERS

- Bischi G. I., Lamantia F., Sbragia L. (2008) “Strategic interaction and imitation dynamics in patch differentiated exploitation of fisheries”. *Ecological Complexity*. Forthcoming
- Bahn O., Breton M., Sbragia L., Zaccour G. (2008) “Stability of International Environmental Agreements: an Illustration with Asymmetrical Countries”. *International Transactions in Operational Research*. Forthcoming
- Breton M., Sbragia L., Zaccour G. (2008) “Dynamic models for international environmental agreements”. *NOTA DI LAVORO 33.2008 MARCH 2008*.
- Bischi G. I., Sbragia L., Szidarovszky F. (2008) “Learning the Demand Function in a Repeated Cournot Oligopoly Game”. *International Journal of Systems Science*, vol. 39, 4, pp. 403-419.
- Chiarella C., Dieci R., Gardini L., Sbragia L. (2008) “A model of financial market dynamics with State-dependent beliefs and confidence”. *Computational Economics*, vol. 32, 1, pp. 55-72.

- Bischi G. I., Naimzada A. K., Sbragia L. (2007) "Oligopoly Games with Local Monopolistic Approximation". *Journal of Economic Behavior and Organization*, vol. 62, pp. 371-388.
- Lamantia F., Sbragia L. (2006) "A dynamic model of patch differentiated of fisheries". *Pure Mathematics and Applications*, Vol. 16, 4, pp. 411-427.
- Naimzada A. K., Sbragia L. (2006) "Oligopoly Games with nonlinear demand and cost functions: Two bounded rational adjustment processes". *Chaos, Solitons and Fractals*, vol. 29, 3, pp. 707-722.
- Rombaldoni R., Sbragia L. (2006) "The effects of air pollution and socio-economic status on childhood health: the case of Marche region",
<http://www.aiesweb.it/convegni/co0007/convegno.htm>

CONTRIBUTIONS IN BOOKS

- Bischi G. I., Lamantia F., Sbragia L. (2005) "Modelli matematici come ausilio nello studio di politiche per la gestione della pesca" ["Mathematical models as an instrument for studying politics for the fishery management"] in *La sostenibilità nel settore della pesca. Modelli, politiche, esperienza in un'area del litorale romagnolo-marchigiano*, a cura di Antonelli G., Bischi G.I., Vigano E., Milano, Franco Angeli.
- Bischi G. I., Lamantia F., Sbragia L. (2004) "Competition and Cooperation in Natural Resources Exploitation: an Evolutionary Game Approach" in *Game Practice and the Environment*, pp. 187-211, C. Carraro and V. Fragnelli (Eds), Edward Elgar Publishing.

SUBMITTED PAPERS

- Breton M., Sbragia L., Zaccour G. (2008) "A dynamic model for international environmental agreements". Re-submitted to *Environmental and Resource Economics*.

WORKING PAPERS

- Breton M., Sbragia L. (2008) "Stability Of International Environmental Agreements With Uncertain Environmental Damage And Learning"
- Breton M., Sbragia L. (2008) "IEAs and R&D spillovers"
- Marrouch W., Sbragia L. (2008) "A trade-environmental coalition game"
- Sbragia L., Sokri A., Zaccour G. (2007) "On the Porter Hypothesis..."
- Chiarella C., Dieci R., Gardini L., Sbragia L. (2006) "A model of fundamentalists and chartists with adaptive switching".
- Bischi G.I., Naimzada A., Sbragia L. (2006) "Evolutionary oligopoly games with local monopolistic approximation".

AWARD

GERAD post-doc/undergraduate trainees competition 2007

FELLOWSHIPS

HEC, Montreal, 10/2006- 08/2008
 Department of Economics, University of Urbino 2005-2006
 Department of Economics, University of Urbino 2004-2005
 Department of Economics, Catholic University of Milan 2001-2004

WORK EXPERIENCE

- 2008 Lecturer in "Business Competition", Department of Economics, Durham University, UK.
- 2008 Lecturer in "Industrial Organization", Department of Economics, Durham University, UK.
- 2007 Lecturer in "Microeconomic Analysis" (Fall), Department of Applied Economics, HEC Montreal, Canada.

- 2006 Lecturer in “Intermediate Italian”, International (Summer) Program, Ramapo College, NJ, USA.
- 2006 Lecturer in “Italian Conversation”, International (Summer) Program, Ramapo College, NJ, USA.
- 2005-06 Lecturer in “Methods for the evaluation of natural resources”, Department of Environmental Sciences, University of Urbino, Italy.
- 2005-06 Teacher’s Assistant in Microeconomic Theory, Department of Economics, University of Urbino, Italy.
- 2004-05 Teacher’s Assistant in Mathematics for Economics and Mathematical Finance, Faculty of Economics at Rimini, University of Bologna, Italy.
- 2003-04 Teacher’s Assistant in Mathematics for Economics and Mathematical Finance, Faculty of Economics at Rimini, University of Bologna, Italy.

INTERNATIONAL EXPERIENCES

- Oct. 2006 – June 2008 Post-Doc at HEC Montreal, Montreal, Quebec, Canada, H3T2A7.
- Feb. 2005 – June 2005 Visiting Scholar at James Madison University, College of Business, Harrisonburg, VA 22208.
- Jan. 2004 – May 2004 Visiting Scholar at the Interdisciplinary Center for Economic Science, George Mason University, Fairfax (VA), USA.
- Jan. 2003 – June 2003 Visiting Scholar at the System and Industrial Engineering Department, University of Arizona, Tucson, (AZ), USA.

PRESENTATIONS

- 2008 “*Workshop on Game Theory in Energy, Resources and Environment*”, October 20th, Montreal (QC), Canada
- 2008 “*Montreal Natural Resources and Environmental Economics Workshops*”, February 1st, Montreal (QC), Canada
- 2007 “*Workshop on Game Theory in Energy, Resources and Environment*”, October 25th - 26th, Montreal (QC), Canada.
- 2007 “*13th International Conference on Computing in Economics and Finances*”, June 14th - 16th, Montreal (QC), Canada.
- 2007 “*7th Meeting on Game Theory and Practice Dedicated to Energy, Environment and Natural Resources*”, May 28th - 30th, Montreal (QC), Canada.
- 2007 “*9th Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics*”, May 7th - 9th, Montreal (QC), Canada.
- 2007 “*Workshop on Energy & Environmental Modeling*”, 1st February, Montreal (QC), Canada.
- 2006 “*Dynamic Models in Economics and Finance*”, 21st-23rd September, Urbino, Italy.
- 2006 “*6th Meeting on Game Theory and Practice Dedicated to Development, Natural Resources and the Environment*”, 10th- 12th July, Zaragoza, Spain.
- 2006 “*1st International Conference on Economic Sciences with Heterogeneous Interaction Agents*”, 15th – 17th June, University of Bologna, Bologna, Italy.
- 2006 “*Complex Behavior in Economics: Modeling, Computing and Mastering Complexity*”, 17th - 21st May, Aix en Provence, France.
- 2005 “*Nonlinear Economic Dynamics*”, 28th – 30th July, Urbino, Italy.
- 2005 “*Seminar series*”, James Madison University, Harrisonburg, (VA), USA.
- 2004 “*Dynamical Models in Economics and Finance*”, 16th-18th September, Urbino, Italy.
- 2004 “*ICES Distinguished Speaker Series*”, 5th March, George Mason University, Arlington, (VA), USA.
- 2003 “*XXVII Convegno Nazionale A.M.A.S.E.S.: Associazione per la Matematica Applicata alle Scienze Economiche e Sociali*” (Association of Mathematical Studies applied to Economics and Social Sciences), 3rd – 6th September, Cagliari, Italy.

2003 “XV Italian Meeting on Game Theory and Applications”, 9th – 12th July, Urbino, Italy
2002 *Game Practice and the Environment*”, 12th –13th April, Alessandria, Italy.

REFERENCES

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