

Giovanna Devetag

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Current position and affiliation

Associate Professor of Economics and Management of Business Firms, Faculty of Economics, University of Perugia (since February 2005).

Other affiliations

Member of CEEL (Computable and Experimental Economics Laboratory), Faculty of Economics, University of Trento, <http://www.ceel.economia.unitn.it/>

Associated Research Fellow (April 2000 - present), Laboratory of Economics and Management (LEM), St. Anna School of Advanced Studies, Pisa, <http://www.lem.sssup.it/>

Member of Cafed (Center for the Analysis of Financial and Economic Dynamics), St. Anna School of Advanced Studies, Pisa, <http://www.cafed.eu/>

Past positions

Ricercatore, Department of Management and Computer Science, University of Trento, July 2002- February 2005.

Postdoctoral Fellow, Department of Management and Computer Science, University of Trento, March 2000- February 2001.

Visiting Research Fellow, Cognitive Science Laboratory, University of Trento in Rovereto, April-June 1999.

Education

Doctoral Degree in Economics and Management, St. Anna School of Advanced Studies, Pisa, April 2000. Title of dissertation: *Cognition, Interactions, and Macrobeaviors: Four Essays*.

Summer School on Markov Models of Growth, Adaptation and Evolution in the Economy Prof. Yuri Kaniovski, University of Trento, October 1999.

Summer School in Econometrics for Ph.D. students, University Residential Center of Bertinoro, University of Bologna, September 1999.

Russel Sage Foundation Summer Institute in Behavioral Economics, Center for Advanced Studies in the Behavioral Sciences, Stanford University, Palo Alto, July 1998.

Laurea in Economia e Commercio with 110 e lode, Ca'Foscari University of Venice, July 1996.

Experience Abroad

Research Fellow, Italian Academy for Advanced Studies in America at Columbia University, New York, USA, September -December 2004.

Visiting Research Fellow, Princeton University, USA, Department of Psychology, January – December 1997.

Visiting Student, UC Berkeley, USA, Department of Economics, 1994-95 Academic Year.

Research Interests

Experimental economics, behavioral economics, behavioral game theory, evolutionary theories of the firm.

Participation in National and International Projects

Local coordinator of PRIN 2005, titled “Coordination, Complementarity, Learning”; national coordinator Massimo Warglien, Ca'Foscari University of Venice.

Member of research project on "Cognitive and neural mechanisms underlying relational complexity behaviour", Centre National de la Recherche Scientifique (CNRS), France. Collaborators: Angela Sirigu, Giorgio Coricelli.

MIUR (ex 40%) (COFIN 02) titled: “Rationality and Language in Managerial Activity”, national coordinator Enrico Zaninotto, University of Trento.

MIUR (ex 40%) (COFIN 99) titled: “Modularity of innovation, division of labor and compatibility standards: organization modes and industrial dynamics” national coordinator Enrico Zaninotto, University of Trento.

MIUR grant reserved to young researchers on: “coordination and self-organization in financial markets” (funded).

MIUR 40% (COFIN 97) titled: “Bounded rationality and learning: an experimental approach”.

Presentations at Conferences and Seminars

Economic Science Association, Third Asia-Pacific Meeting, Shanghai, China, August 5 2007.

Graduate School, Università Statale di Milano, May 18 2007.

CIFREM (Interdepartmental Centre for Research Training in Economics and Management), University of Trento, February 15 2007.

Laboratory of Economics and Management, St. Anna School of Advanced Studies, Pisa, January 11 2007.

CREED (Center for Research in Experimental Economics and Political Decision Making), University of Amsterdam, December 7 2006.

Ca'Foscari University of Venice, December 4 2006.

First Italian Academy Workshop on "Social Economics: Market Behavior in a Social Context" (co-organized with Daniela Del Boca, University of Turin and NYU), Italian Academy at Columbia University, NY, April 21 2006.

LEA Workshop on "Coordination and Market Experiments", B.E.T.A., Université Louis Pasteur, Strasbourg I, March 10 2006.

Workshop on "Agent Based models: from analytical models to real life phenomenology", ISI Foundation, Villa Gualino, Torino, Italy, March 5 2006.

Workshop on "Logiche giuridiche e logiche decisionali", Dipartimento di Scienze giuridiche nella società e nella storia, Università di Teramo, October 13 2005.

Economic Science Association Annual Regional Meeting, Università del Piemonte Orientale, Alessandria, Italy, September 15-18 2005.

IRI Foundation Summer School of Managerial Studies on "A Neo-Carnegie Approach to Organization and Strategy Research", Centro Studi Santa Maria Maddalena, Volterra, June 19-24 2005 (invited discussant).

WEHIA04 (Workshop on Economics and Heterogeneous Interacting Agents), Kyoto University, Kyoto, May 27-29 2004.

Center for Economic Research and Graduate Education-Economic Institute, Academy of Sciences of the Czech Republic, December 11 2003.

Institut des Sciences Cognitives - CNRS, Bron, Francia, November 13 2003.

Workshop on 'Market Dynamics', University of Nice-Sophia Antipolis, Chateau de la Begude, Golf Opio, Nice, France, November 7-8 2003.

Economics for the future: celebrating 100 years of Cambridge Economics, University of Cambridge, UK, September 17-19 2003.

WEHIA03 (Workshop on Economics and Heterogeneous Interacting Agents), May 29 – June 1 2003, University of Kiel, Germany.

International Econophysics Conference, Nusa Dua, Bali, Indonesia, August 29-31 2002.

Laboratory of Economics and Management, St. Anna School of Advanced Studies, Pisa, Italy, July 18, 2002.

WEHIA02 (Workshop on Economics with Heterogeneous Interacting Agents), Abdus Salam International Center for Theoretical Physics, Miramare, Trieste, Italy, May 30-June 1st, 2002.

Cognitive Science Laboratory, University of Trento in Rovereto, March 12 2002.

Workshop on Behavioral and Distributive Theories of Consumption: Theory and Evidence, University of Bologna, Dept. of Economics (Rimini), September 15, 2001.

Economic Science Association 2001 World Meeting, Barcelona, June 21-24 2001.

Wehia01 (Workshop on Economics with Heterogeneous Interacting Agents), Maastricht Economics Research Institute on Innovation and Technology (MERIT), June 7-9 2001.

Society for Computational Economics 2001 Conference. Session title: "Statistical Mechanics of Agents Interaction". Chair: Sorin Solomon. Yale University, June 28-29 2001.

3rd CEEL (Computable and Experimental Economics Laboratory) Workshop on Experimental Economics, University of Graz, October 26-27 2000.

Economic Science Association 2000 World Meeting, New York University, June 16-18, 2000.

1st CEEL (Computable and Experimental Economics Laboratory) Workshop on Experimental Economics, University of Trento, March 13-14 2000.

Economic Science Association 1999 Regional Meeting, University of Grenoble, November 1999.

Coordination Activities

Coordinator of the Perugia team, PRIN 2005 titled "Uncertainty, complementarity and coordination: An experimental analysis".

Member of the Executive Committee of CIFREM (Interdepartmental Centre for Research Training in Economics and Management), University of Trento.

Member of the Scientific Board of the International Doctoral Program in Economics and Management, University of Trento.

Scientific coordinator of the 2004 Winter School in Computational and Experimental Economics, CEEL, University of Trento.

Scientific coordinator of the 2002 Winter School in Experimental Economics and Finance, CEEL, University of Trento.

Scientific coordinator of the 2002 Summer School in Experimental Economics CEEL, University of Trento.

Scientific coordinator (jointly with Enrico Zaninotto) of the track entitled “Modularity and Division of Innovative Labor: Design, Organization and Cost Analysis” at the Annual Meeting of the European Academy of Management (EURAM), Stockholm, May 9-11 2002.

Teaching Experience

Undergraduate Courses

Economics and management of business firms (8 credits), Faculty of Economics, University of Perugia, a.y. 2004/2005, 2005/2006, 2006/2007.

Competitive Strategy (6 credits) Faculty of Economics, University of Perugia, a.y. 2006/2007.

Management of Innovation (6 credits), Faculty of Economics, University of Perugia, a.y. 2006/2007.

Course in Organization Theory (6 credits), University of Trento, a.y. 2002/2003.

Course in Business Administration (3 credits), University of Trento, a.y.2002/2003:.

Course in Organization Theory (6 credits), University of Trento a.y. 2001/2002:.

Course on “Coordination problems in Firms and Markets” , Free University of Bozen, Italy (2002).

Course on “Data Analysis for Business and Markets”, University of Trento (2001).

Graduate Courses

Course on “Experimental Economics applied to the study of organizations”, Doctoral Program in Economics and Management, University of Trento (scheduled for the Fall semester 2004).

Lecture on "Behavioral Game Theory", 2004 Winter School in Computational and Experimental Economics, University of Trento.

Lecture on “Recent results in experimental economics”, 2002 Winter School in Experimental Economics and Finance, University of Trento.

Lecture on “experimental economics”, Doctoral Program in Economics and Management of the St. Anna School of Advanced Studies, Pisa, Italy.

Awards

Recipient of Full Time Fellowship, Italian Academy for Advanced Studies in America at Columbia University, New York, USA.

Recipient of Full Time Postdoctoral Fellowship, University of Trento, Dept. of Management and Computer Science (April 2000- present).

Recipient of Fellowship, Russel Sage Foundation, New York, (July 1998).

Recipient of Full Time Doctoral Fellowship, Sant'Anna School of Advanced Studies, Pisa (January 1997 – Dicember 1999).

Recipient of Fellowship for Graduate Education Abroad, Ca'Foscari University of Venice (1996-1997 Academic Year).

Recipient of EAP (Education Abroad Program) Fellowship, UC Berkeley (1994-1995 Academic Year).

Other activities

Referee per American Economic Review, Experimental Economics, Journal of Economic Dynamics and Control, Journal of Evolutionary Economics, Journal of Economic Behavior and Organization, Cognition, Cambridge Journal of Economics, Physica A, Metroeconomica, Southern Economic Journal, Industrial and Corporate Change, Rivista Internazionale di Scienze Sociali.

List of publications

Articles in Refereed Journals

Devetag, G., M. Warglien (2007), "Playing the Wrong Game: An Experimental Analysis of Relational Complexity and Strategic Misrepresentation", *Games and Economic Behavior* (forthcoming).

Devetag, G., A. Ortmann (2007), "When and Why? A Critical Survey on Coordination Failure in the Laboratory", *Experimental Economics* (forthcoming).

Bottazzi, G., G Devetag (2006), "Competition and Coordination in Experimental Minority Games", *Journal of Evolutionary Economics*, 17, pp. 241-275.

Devetag, G. (2005), "Precedent Transfer in Coordination Games: An Experiment", *Economics Letters*, 89, 227-232.

Devetag, G. (2004), "A Note on the Experimental Study of Markets", *Revue d'economie industrielle*, 107, 75-88.

Devetag, G. (2003), "Coordination and Information in Critical Mass Games: An Experimental Study", *Experimental Economics*, 6, 53-73.

Devetag, G., M. Warglien (2003), "Games and Phone Numbers: Do Short term Memory Bounds Affect Strategic Behavior?" (2003), *Journal of Economic Psychology*, 24, 189-202.

Bottazzi, G., G. Devetag (2003), "A Laboratory Experiment on the Minority Game", *Physica A*, 2003, 324, 1-2, 124-132.

Bottazzi, G., G. Devetag, G. Dosi (2003), "Adaptive Learning and Emergent Coordination in Minority Games", *Simulation Modelling Practice and Theory*, 10, 321-347.

Devetag, G. (1999), "From Utilities to Mental Models: A Critical Survey on Decision Rules and Cognition in Consumer Choice" (1999), *Industrial and Corporate Change*, 8, 2, 289-351.

Devetag, G., M. Warglien (2003), "Colli di bottiglia cognitivi nel ragionamento strategico", *Sistemi Intelligenti*, XV, N. 1 (April), 45-52

Devetag, G., P. Legrenzi, M. Warglien (1999), "I modelli mentali dei giochi: focalizzazione e rappresentazioni selettive", *Sistemi Intelligenti*, N. 1 (aprile), 85-111.

Devetag, G., P. Legrenzi, M. Warglien (1997), "Come le alternative inefficienti influenzano le nostre decisioni", *Sistemi Intelligenti*, N. 3 (dicembre), 377-397.

Books and chapters in books

Devetag, G., A. Ortmann (2007), "Solving coordination problems, experimentally", to appear in Sell, J. and Webster, M. (Eds), *Laboratory Experiments in the Social Sciences*, Elsevier, CA, pp. 407-432.

Devetag, G. (2004), *Il Capitale di aspettative la teoria dei giochi e le determinanti del coordinamento organizzativo*, Guerini e Associati, Milano.

Devetag, G., P. Legrenzi, M. Warglien (2000), "Focusing Strategies in Reasoning About Games", in A. Vandierendonck, G. Devooght, G. d'Ydewalle and W. Schaeken (eds.), *Deductive reasoning and strategies*, Lawrence Erlbaum, Mahawack, NJ.

Articles in Refereed Proceedings and Collections

Devetag, G., E. Gaffeo, M. Gallegati, G. Giulioni, (2006), "Financial Fragility and Scaling Laws in the Laboratory", in A. Namatame, T. Kaizouji and Y. Aruka (Eds.), *The Complex Networks of Economic Interactions*, Essays in Agent-Based Economics and Econophysics, Lecture Notes in Economics and Mathematical Systems 550, Springer Verlag, Berlin, 61-76.

Bottazzi, G., G. Devetag (2005), "Expectations structure in asset pricing experiments" in T.Lux, S.Reitz and E.Samanidou (Eds.) *Nonlinear Dynamics and Heterogeneous Interacting Agents*, Lecture Notes in Economics and Mathematical Systems 550, Springer Verlag, Berlin, 2005.

Bottazzi, G., G. Devetag (2004), "Coordination and Self-Organization in Minority Games: Experimental Evidence", in Gallegati, M., Kirman, A., Marsili, M. (Eds.), *The Complex Dynamics of Economic Interaction: Essays in Economics and Econophysics*, Lecture Notes in Economics and Mathematical Systems, 2004, Berlin: Springer-Verlag.

Bottazzi, G. , G. Devetag, G. Dosi (2002), "Adaptive coordination and aggregate efficiency in minority games", in R. Cowan, N. Jonard (Eds.), *Heterogeneous Agents, Interactions and Economic Performance*, Berlin: Springer-Verlag, Lecture Notes in economics and Mathematical Systems, 2002, n. 521.

Book reviews

Devetag, G. (2005), "Models of a Man: Essays in Memory of Herbert A. Simon, by Mie Augier, James G. March (Eds.), The MIT Press Cambridge, Massachusetts, 2004, BOOK REVIEW, *Journal of Economic Psychology*, 26, 603-606.

Devetag, G. (2005), "The Routines of Decision Making", By T. Betsch and S. Haberstroh (Eds.), Lawrence Erlbaum Associates, Mahwah, NJ, 2005, BOOK REVIEW, *Journal of Economic Psychology*.

Working papers

Devetag, G., A. Ortmann (2007), "Classic coordination failures revisited: the effects of the deviation costs and loss avoidance", CERGE-EI working paper series, 327 (April).

Bottazzi, G., G. Devetag (2002), "Coordination and Self-Organization in Minority Games: Experimental Evidence" L.E.M. Working Paper n. 2002-09.

Devetag, G. (2002), "Precedent transfer in coordination games: experimental evidence". CEEL Working Paper 7-02.

Devetag, G., M. Warglien (2002), "Representing others' preferences in mixed motive games: was Schelling right?". CEEL Working Paper 8-02.