

## Salvatore Modica

Born in Palermo, 9 January 1957

Married, 4 children

*Address:*

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### Positions (University of Palermo)

2000 - Professor, Economics (SECS-P/01)

1990 - 2000 Associate Professor, Mathematics for Economists (SECS-S/04)

1983 - 1990 Ricercatore, Mathematics for Economists (SECS-S/04)

### Education

1982 - 1986 University of Cambridge, England

Ph.D in Economics

1975 - 1980 Università di Palermo

Bachelor in Economics (Laurea), summa cum laude.

### Representative Publications

- “Costi di Acquisto e di Affitto di una Casa: un Esercizio di Teoria dell’Arbitraggio”, *Annali della Facoltà di Economia di Palermo*, 1986
- “Business Cycles in Equilibrium: an Example”, in *The Economics of Missing Markets, Information and Games*, edited by Frank Hahn, Oxford University Press 1989
- “A Neo Bayesian Foundation of the Maxmin Value for Two-person Zero-sum Games”, *International Journal of Game Theory* 23: 347-358 (1994), with Sergiu Hart and David Schmeidler
- “Unawareness and Partitional Information Structures”, *Games and Economic Behaviour* 27: 265-298 (1999), with Aldo Rustichini
- “Credit Market Failures and Policy”, *Journal of Public Economic Theory* 11: 363-382 (2009), con Enrico Minelli
- “School Grading and Institutional Contexts”, with Valentino Dardanoni and Aline Penisi, *Education Economics* 19: 475-486 (2011)

## Teaching

- 2000 - Principles of Economics (Economia Politica), Undergraduate course, University of Palermo
- 2007 - 2013 Decisions, Incentives and Contracts, PhD course, Scuola Superiore Sant'Anna, Pisa
- 2006 - 2014 Economics of Growth, Graduate course, University of Palermo
- 2006 - 2013 Decision Theory, Graduate course, University of Palermo
- 1997 - 2003 Game Theory, Graduate course, University of Palermo
- 2002 Introduction to Quantitative Finance, Master in Risk Management, University of Palermo
- 1990 - 2000 Calculus (Matematica Generale), Undergraduate course, University of Palermo

## Acknowledgment of Support (other than Italian University)

- 1981 Banco di Sicilia (Borsa di Studio "Francesco Ferrara")
- 1983 Banco di San Paolo, Torino (Borsa di Studio "Luciano Iona")
- 1988 CNR, Italy (Visiting scholar, MIT, Cambridge USA)
- 1991 CNR, Italy (Visiting scholar, Tel Aviv University, Israele)
- 1994, 1995 CORE, Belgium (Visiting scholar)
- 2011 EIEF, Rome, Italy (Visiting fellow)
- 2013 EUI, Florence, Italy (Brauder Fellow)

## List of Publications

- "Bayesian Model Averaging for Generalized Linear Models with Missing Covariates", with Giuseppe De Luca, Valentino Dardanoni and Franco Peracchi, *Journal of Econometrics* 184 (2015): 452-463
- "Dynamics in Stochastic Evolutionary Models", with David K. Levine, forthcoming in *Theoretical Economics*
- "Evolution of Impatience: the Example of the Farmer-Sheriff Game", with David Levine, Federico Weinschelbaum and Felipe Zurita, forthcoming in *AEJ: Microeconomics*
- "A Generalized Missing-indicator Approach to Regression with Imputed Covariates", with Valentino Dardanoni, Giuseppe De Luca and Franco Peracchi, *The Stata Journal* 12 (2012): 575-604
- "Anti-Malthus: Conflict and the Evolution of Societies", with David K. Levine, *Research in Economics* 76 (2013): 289-306
- "A Generalized Missing-indicator Approach to Regression with Imputed Covariates", with Valentino Dardanoni, Giuseppe De Luca and Franco Peracchi, *The Stata Journal*, 2012: 575-604
- "Government Size, the Role of Commitments", with Giuseppe Albanese, *Oxford Bulletin of Economics and Statistics*, 2012: 532-546

- “Open Source without Free-Riding”, *Economia Politica*, 2012: 247-260
- “School Grading and Institutional Contexts”, with Valentino Dardanoni and Aline Pennisi, *Education Economics*, 2011: 475-486
- “Regression with Imputed Covariates: a Generalized Missing Indicator Approach”, with Valentino Dardanoni and Franco Peracchi, *Journal of Econometrics*, 2011: 362-368
- “Co-movement of Public Spending in the G7”, with Giuseppe Albanese, *Economic Letters*, 2010: 121-123
- “Uninformed Traders in European Stock Markets”, *Studi Economici*, 2010: 157-174
- “The Simpson Paradox of School Grading in Italy”, with Valentino Dardanoni and Aline Pennisi, *Research in Economics*, 2009: 91-94
- “Grading Across Schools”, with Valentino Dardanoni and Aline Pennisi, *The B.E. Journal of Economic Analysis & Policy (Topics)*, 2009
- “Credit Market Failures and Policy”, with Enrico Minelli, *Journal of Public Economic Theory*, 2009: 363-382
- “Unawareness, Priors and Posteriors”, *Decisions in Economics and Finance*, 2008: 81-94
- “Knowledge Transfer in R&D Outsourcing: an Incentive-Constrained View”, *Atti Accademia di Scienze, Lettere e Arti di Palermo*, 2007: 275-300
- “A note on comparative downside risk aversion”, with Marco Scarsini, *Journal of Economic Theory*, 2005: 267-271
- “Unawareness and Partitional Information Structures”, with Aldo Rustichini, *Games and Economic Behavior*, 1999: 265-298
- “Unawareness and Bankruptcy: a General Equilibrium Model”, with Aldo Rustichini and Jean-Marc Tallon, *Economic Theory*, 1998: 259-292
- “Expected Utility for Decision Making with Subjective Models”, *Theory and Decision*, 1995: 157-168
- “Awareness and Partitional Information Structures”, with Aldo Rustichini, *Theory and Decision* 1994: 107-124. Reproduced in *Epistemic Logic and the Theory of Games and Decisions*, edited by M.O.L. Bacharach et al., Kluwer 1997
- “A Neo Bayesian Foundation of the Maxmin Value for Two-person Zero-sum Games”, with Sergiu Hart and David Schmeidler, *International Journal of Game Theory*, 1994: 347-358
- “Analisi di Arbitraggio della Differenza Attesa fra Costi di Acquisto e di Affitto di una Casa”, *Banca Toscana Studi e Informazioni*, 1991: 83-89
- “Production and Inventory Policy of the Competitive Firm and Capital Market Imperfections”, *Giornale degli Economisti e Annali di Economia*, 1990: 65-68
- “Business Cycles in Equilibrium: an Example”, in *The Economics of Missing Markets, Information and Games*, F. Hahn ed., Oxford University Press, 1989: 452-467
- “Complete Irreflexive Preferences: a Definition”, with Antonio Gay, *Economics Letters*, 1988: 205-208

- “Homogeneous Families of Probability Distributions and a Related Optimum Problem”, *Annali della Facoltà di Economia di Palermo*, 1986: 235-246
- “Temporary Equilibrium with Money, Unit-Elastic Price Expectations and Production Lags”, *Economic Notes*, 1986: 65-69
- “Investimento, Incertezza e Vincoli di Liquidità”, *Giornale degli Economisti e Annali di Economia*, 1986: 73-77
- “Linear Approximation and Test of Linearity for a Particular Regression Model”, *Statistica*, 1986: 93-97
- “Sulla Teoria della Distribuzione di Kalecki”, *Rivista Bancaria*, 1981: 177-187

### Working Papers

- “Collusion, Randomization and Leadership in Groups”, with David K. Levine and Rohan Dutta, April 2015
- “Peer Discipline and Incentives within Groups”, with David K. Levine, April 2015
- “Conflict, Evolution, Hegemony and the Power of the State”, with David K. Levine, October 2013
- “Market for Degrees and Educational Standards”, with David K. Levine, April 2013

### Unpublished

- “Education Transmission: a Two-latent-class Model”, with Antonio Forcina, October 2012
- “Secondary Effects in Education Transmission: a Finite Mixture Model”, with Valentino Dardanoni and Antonio Forcina, 2009
- “Belief Dependent Utility”, with Aldo Rustichini, 1996