

Paolo Ghirardato

Dipartimento di Scienze Economico-Sociali
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Luogo e Data di Nascita: Milano, [REDACTED]
Nazionalità: Italia, USA.

Titoli

Laurea con Lode (Economia Politica) 1990, Università Commerciale “Luigi Bocconi”, Milano.
Ph.D. (Economics) 1995, University of California, Berkeley.

Incarichi universitari

Docente a contratto, Department of Economics, University of California, Berkeley, agosto 1991
Assistant Professor of Economics, Division of the Humanities and Social Sciences, California
Institute of Technology, 1995–2001
Professore Associato di Metodi Matematici dell’Economia (SECS-S/06), Dipartimento di
Statistica e Matematica Applicata, Facoltà di Economia, Università di Torino, 2001–2005
Professore Straordinario di Metodi Matematici dell’Economia (SECS-S/06), Dipartimento di
Statistica e Matematica Applicata, Facoltà di Economia, Università di Torino, 2005–2008
Professore Ordinario di Metodi Matematici dell’Economia (SECS-S/06), Dipartimento di
Scienze Economico-Sociali e Matematico-Statistiche (già Dipartimento di Statistica e
Matematica Applicata), Università di Torino, dal 1 ottobre 2008

Visite all'estero

Professeur Invité, École Normale Supérieure de Cachan, gennaio 2002
Visiting Associate Professor of Economics, University of Iowa, 2004-2005

Professeur Invité, Université de Paris I – Panthéon-Sorbonne, maggio 2008

Visiting Professor of Economics, Universität Bielefeld, aprile 2011

Visiting Professor of Economics, Northwestern University, 2005- (mese di agosto)

Incarichi Amministrativi

Direttore, Dipartimento di Scienze Economico-Sociali e Matematico-Statistiche, 2015–

Membro del Senato Accademico, Università di Torino, 2018–

Membro del Comitato Scientifico della Scuola di Studi Superiori dell'Università di Torino, 2017–

Area Coordinator for Economics and Statistics, Collegio Carlo Alberto, 2015–

Incarichi conclusi:

Coordinatore del dottorato in “Decisioni per le Assicurazioni e la Finanza”, Università di Torino, cicli XX–XXI (2004–2005)

Coordinatore dell'indirizzo in “Statistica e Matematica Applicata”, Scuola di Dottorato in Economia, Università di Torino, cicli XXII–XXV (2006–2009)

Vice Preside per la Ricerca, Facoltà di Economia, 2008–2012

Vice Direttore per la Ricerca, Dipartimento di Scienze Economico-Sociali e Matematico-Statistiche, 2012–2015

Componente del Presidio per la Qualità dell'Università di Torino, 2014–2015

Vice Direttore, Scuola di Dottorato in Scienze Umane e Sociali, Università di Torino, 2015–2018

Deputy Director for Scientific Affairs, Collegio Carlo Alberto, 2009–2012 [sviluppato un programma di incentivi alle pubblicazioni su riviste ed editori internazionali, addetto alla valutazione del personale scientifico a contratto]

Deputy Director for Economics and Statistics, Collegio Carlo Alberto, 2013–2014

Articoli su riviste

- Non-Additive Representations of Uncertainty: A Survey of Some Recent Developments in Decision Theory. *Rivista Internazionale di Scienze Economiche e Commerciali*, **40**: 253–276, marzo 1993
- On Independence for Non-Additive Measures, with a Fubini Theorem. *Journal of Economic Theory*, **73**: 261–291, aprile 1997
- Additivity with Multiple Priors (con Peter Klibanoff e Massimo Marinacci). *Journal of Mathematical Economics*, **30**: 405–420, novembre 1998
- Choquet Rationality (con Michel Le Breton). *Journal of Economic Theory*, **90**: 277–285, marzo 2000
- The Impossibility of Compromise: Some Uniqueness Properties of Expected Utility Preferences (con Massimo Marinacci). *Economic Theory*, **16**: 245–258, settembre 2000
- Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty. *Economic Theory*, **17**: 247–276, marzo 2001
- Range Convexity and Ambiguity Averse Preferences (con Massimo Marinacci). *Economic Theory*, **17**: 599–617, maggio 2001
- Risk, Ambiguity, and the Separation of Utility and Beliefs (con Massimo Marinacci). *Mathematics of Operations Research*, **26**: 864–890, novembre 2001
- Ambiguity Made Precise: A Comparative Foundation (con Massimo Marinacci). *Journal of Economic Theory*, **102**: 251–289, febbraio 2002. (Ristampato in *Uncertainty in Economic Theory. A collection of essays in honor of David Schmeidler's 65th birthday* (I. Gilboa, Ed.), London: Routledge, 2004)
- Revisiting Savage in a Conditional World. *Economic Theory*, **20**: 83–92, agosto 2002
- A Subjective Spin on Roulette Wheel (con Fabio Maccheroni, Massimo Marinacci e Marciano Siniscalchi). *Econometrica*, **71**: 1897–1908, novembre 2003
- Differentiating Ambiguity and Ambiguity Attitude (con Fabio Maccheroni e Massimo Marinacci). *Journal of Economic Theory*, **118**: 133–173, ottobre 2004
- Certainty Independence and the Separation of Utility and Beliefs (con Fabio Maccheroni e Massimo Marinacci). *Journal of Economic Theory*, **120**: 129–136, gennaio 2005
- A Brain Imaging Study of Procedural Choice (con John Dickhaut, Aldo Rustichini, Kip Smith e Josè Pardo). *Games and Economic Behavior*, **52**: 257–282, agosto 2005
- Indecision Theory: Quality of Information and Voting Behavior (con Jonathan Katz). *Journal of Public Economic Theory*, **8**: 379–399, agosto 2006
- Unanimous Subjective Probabilities (con Kim Border e Uzi Segal). *Economic Theory*, **32**: 383–387, febbraio 2008
- Ambiguity in Asset Markets: Theory and Experiment (con Peter Bossaerts, Serena Guarnaschelli e Bill Zame). *Review of Financial Studies*, **23**: 1325–1359, aprile 2010

Rational Preferences under Ambiguity (con Simone Cerreia-Vioglio, Fabio Maccheroni, Massimo Marinacci e Marciano Siniscalchi). *Economic Theory*, **48**: 341–375, ottobre 2011

Ambiguity in the Small and in the Large, with Marciano Siniscalchi, *Econometrica*, **80**: 2827–2847, novembre 2012

Flexible Contracts (con Piero Gottardi e Jean-Marc Tallon). *Games and Economic Behavior*, **103**: 145–167, maggio 2017

Risk Sharing in the Small and in the Large (con Marciano Siniscalchi). *Journal of Economic Theory*, **175**: 730–765, maggio 2018

Articoli su atti di convegni e in collezioni

Some Remarks on the Representation of Uncertainty, *Atti del XVI Convegno A.M.A.S.E.S.*, Treviso, settembre 1992

Defining Ambiguity and Ambiguity Attitude. Capitolo 4 di *Uncertainty in Economic Theory. A collection of essays in honor of David Schmeidler's 65th birthday* (I. Gilboa, Ed.), Londra: Routledge, 2004

Revealed Ambiguity and Its Consequences: Updating (con Fabio Maccheroni e Massimo Marinacci). Capitolo 1 di *Advances in Decision Making under Risk and Uncertainty. Selected Papers from the FUR 2006 conference* (M. Abdellaoui and J. Hey, Eds.), Berlino: Springer-Verlag, 2008

Ambiguity. In *Encyclopaedia of Quantitative Finance* (R. Cont, Ed.), Chichester, J. Wiley and Sons, 39–44, 2010

Altri lavori circolati

Agency Theory with Non-Additive Uncertainty. Dicembre 1992; Revisione: Giugno 1994. Presentato al Settimo Convegno *Foundations of Utility and Risk* (FUR VII), Oslo, luglio 1994

A More Robust Definition of Multiple Priors (con Marciano Siniscalchi). Carlo Alberto Notebook n. 144, aprile 2010

Lavori in preparazione

Optimal Myopia: An Axiomatic Approach to Bounded Rationality (con Theodoros Diasakos)

A General Theory of Subjective Mixtures (con Daniele Pennesi)

Symmetric Preferences (con Marciano Siniscalchi)

Compensated Absolute Ambiguity Attitudes (con Marciano Siniscalchi)

Seminari su invito

- Graduate School of Business, Stanford University, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, gennaio 1995.
- Dept. of Economics, Ohio State University, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- Graduate School of Industrial Administration, Carnegie-Mellon University, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- Dept. of Economics, Washington University of St. Louis, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- MEDS Department, Kellogg Graduate School of Management, Northwestern University, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- Dept. of Economics, Columbia University, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- Dept. of Economics, Rutgers University, New Brunswick, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- Dept. of Economics, UCLA, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, febbraio 1995.
- Dept. of Economics, University of Birmingham (UK), su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, giugno 1995.
- Dept. of Economics, University of Toronto, su “Ignorance, Inconsistency and Naiveté”, ottobre 1995.
- Dept. of Economics, University of Southern California, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”, marzo 1996.
- Dept. of Economics, Princeton University, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty” (2a versione), marzo 1996.
- Dept. of Economics, University of California at Davis, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty” (2a versione), maggio 1996.
- Lehrstuhl für Betriebswirtschaftslehre, Universität Mannheim, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty” (2a versione), giugno 1996.
- Dept. of Economics, University of British Columbia, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty” (2a versione), ottobre 1996.
- Mathematical Behavioral Sciences Institute, University of California at Irvine, su “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty” (2a versione), novembre 1996.
- LAFORIA, Université Paris VI, su “Choquet Rationality”, gennaio 1997.
- Dept. of Economics, University of California, Berkeley, su “Choquet Rationality”, febbraio 1997.

- Dept. of Economics, UCLA, su “Choquet Rationality”, aprile 1997.
- Istituto di Metodi Quantitativi, Università Bocconi, Milano, su “Decision Making under Ambiguity: An Overview”, giugno 1997.
- EUREQUA, Université Paris I, su “Ambiguity Made Precise”, febbraio 1998.
- Dept. of Economics, Northwestern University, su “Ambiguity Made Precise”, maggio 1998.
- Dipartimento di Matematica e Statistica, Facoltà di Economia, Università “Federico II”, Napoli (Italy), su “Decision Making under Ambiguity: An Overview”, giugno 1998.
- Dept. of Economics, New York University, su “Ambiguity Made Precise”, marzo 1999.
- Dept. of Economics, Johns Hopkins University, su “Ambiguity Made Precise”, marzo 1999.
- Economics Dept., Krannert School of Management, Purdue University, su “Risk, Ambiguity, and the Separation of Utility and Beliefs”, ottobre 2000.
- Dept. of Economics, UCLA, su “Indecision Theory”, novembre 2000.
- Mathematical Finance Seminar, University of Southern California, su “Ambiguity Made Precise”, novembre 2000.
- Dept. of Economics, London School of Economics, su “Risk, Ambiguity, and the Separation of Utility and Beliefs”, giugno 2001.
- GRID, ENS-Cachan, su “A Subjective Spin on Roulette Wheels”, gennaio 2002.
- Division of HSS, California Institute of Technology, su “Ambiguity from the Differential Viewpoint”, aprile 2002.
- Dept. of Economics (T. Sargent’s reading group), Stanford University, su “Ambiguity from the Differential Viewpoint”, aprile 2002.
- Dept. of Economics, UC Berkeley, su “Ambiguity from the Differential Viewpoint”, aprile 2002.
- Dept. of Economics, Arizona State University, su “Ambiguity from the Differential Viewpoint”, settembre 2002.
- Dipartimento di Scienze Economiche, Università di Venezia, su “Ambiguity from the Differential Viewpoint”, ottobre 2002.
- Dept. of Economics, Cornell University, su “Ambiguity from the Differential Viewpoint”, ottobre 2002.
- Dept. of Economics, University of Iowa, su “Ambiguity from the Differential Viewpoint”, gennaio 2003.
- Alfred-Weber-Institut für Wirtschaftswissenschaften, Universität Heidelberg, su “The Impact of Ambiguity on Prices and Allocations in Competitive Financial Markets: Theory and Experiments”, ottobre 2003.
- Dept. of Economics, University of Nottingham, su “The Impact of Ambiguity on Prices and Allocations in Competitive Financial Markets: Theory and Experiments”, novembre 2003.

- Dept. of Economics, University of East Anglia, su “The Impact of Ambiguity on Prices and Allocations in Competitive Financial Markets: Theory and Experiments”, novembre 2003.
- Dept. of Economics, Columbia University, su “The Impact of Ambiguity on Prices and Allocations in Competitive Financial Markets: Theory and Experiments”, marzo 2004.
- Dept. of Economics, Johns Hopkins University, su “The Impact of Ambiguity on Prices and Allocations in Competitive Financial Markets: Theory and Experiments”, aprile 2004.
- Dept. of Economics, Northwestern University, su “Ambiguity and Asset Prices: Theory and Experiment”, marzo 2005.
- Economics Dept., Krannert School of Management, Purdue University, su “Revealed Ambiguity and Its Consequences: Unambiguous Acts and Events”, agosto 2006.
- Dept. of Economics, University of Iowa, su “Ambiguity and Asset Prices: Theory and Experiment”, agosto 2007.
- CSEF, Università di Salerno, su “Ambiguity and Asset Prices: Theory and Experiment”, novembre 2007.
- Seminaire MED, Centre d’Economie de la Sorbonne, su “Ambiguity and Asset Prices: Theory and Experiment”, aprile 2008.
- Dept. of Economics, Universitat de Alicante, su “Ambiguity and Asset Prices: Theory and Experiment”, ottobre 2008
- Dept. of Economics, University of Southampton, su “Ambiguity and Asset Prices: Theory and Experiment”, gennaio 2009
- Dept. of Economics, University of Illinois, Urbana-Champaign, su “A More Robust Definition of Multiple Priors”, agosto 2009
- Alfred-Weber-Institut für Wirtschaftswissenschaften, Universität Heidelberg, su “Optimal Myopia: An Axiomatic Approach to Bounded Rationality”, dicembre 2010
- Institute for Mathematical Economics, Universität Bielefeld, su “A More Robust Definition of Multiple Priors”, aprile 2011
- THEMA, Université de Cergy-Pontoise, su “Risk Sharing in the Small and in the Large”, novembre 2014
- DR@W Forum, Warwick University, su “Risk Sharing in the Small and in the Large”, marzo 2018

Comunicazioni su invito a convegni

- Meeting 1995 del Progetto di Ricerca MURST su “Equilibrio generale e interazione strategica”, Milano, giugno 1995: “Coping with Ignorance: Unforeseen Contingencies and Non-Additive Uncertainty”.
- 1995 *NSF/NBER Decentralization Conference*, California Institute of Technology, novembre 1995: “Ignorance, Inconsistency and Naiveté”.

- IGIER Workshop *General Equilibrium and Mathematical Economics*, Univ. Bocconi, giugno 1996: "Ignorance, Inconsistency and Naivetè".
- Convegno *Decision Making with Non-additive Beliefs: Economic and Game-theoretic Applications*, Universität Saarbrücken, luglio 1996: "Product Capacities and Updating".
- I Workshop *Risk, Uncertainty and Decision Making (RUD)*, Chantilly (Francia), giugno 1997: "Consistency and Independence in Decision Making with Non-separable Preferences".
- Convegno *Rationality*, Université de Caen, giugno 1997: "Choquet Rationality".
- III Workshop *Risk, Uncertainty and Decision Making (RUD)*, Parigi, giugno 1999: "Ambiguity Made Precise".
- Convegno *Decision Making under Ambiguity: Theory and Empirical Evidence*, Universität Mannheim, giugno 2000: "Risk, Ambiguity, and the Separation of Utility and Beliefs".
- VI Workshop *2002 Risk, Uncertainty and Decision Making (RUD)*, Parigi, giugno 2002: "Ambiguity from the Differential Viewpoint".
- Cowles Foundation Workshop in Honor of David Schmeidler's 65th Birthday*, Yale University, ottobre 2004: "Ambiguity and Asset Prices: An Experimental Perspective".
- Conference on Ambiguity, Uncertainty and Climate Change*, UC Berkeley, settembre 2009: "Ambiguity Attitudes and their Models".
- 6th CSEF-IGIER Symposium on Economics and Institutions*, Capri, giugno 2010: "Optimal Myopia".
- CEAR Workshop on Ambiguity: Theory and Experiments*, Georgia State University, settembre 2012: "What would theorists like experimentalists to do?"
- Workshop "Decision Making under Ambiguity and Beyond"*, HEC Paris, dicembre 2012: "Ambiguity in the small and in the large"
- D-TEA Workshop 2015 "Decisions and Finance"*, GIE AXA Paris, maggio 2015: "Symmetric Preferences"
- ZiF Research Group Workshop "Knightian Uncertainty in Strategic Interactions and Markets"*, ZiF Bielefeld, giugno 2015: "Risk Sharing in the Small and in the Large"
- Convegno AMASES 2017*, Università di Cagliari, settembre 2017 "A New Subjective Spin on Roulette Wheels"

Borse di studio e contributi alla ricerca ottenuti

Borsa di studio di perfezionamento all'estero, Università Bocconi, 1991–1994

Alfred P. Sloan Doctoral Dissertation Fellowship in Economics, 1994-1995

ICER (*International Centre for Economic Research*, Torino) *Fellowship*, 2001

Carlo Alberto Fellowship (Collegio Carlo Alberto, Moncalieri, Italy), 2005–

PRIN 2002 (responsabile scientifico locale) su “Agency relations and contracts in the presence of ambiguity and unforeseen contingencies. Theoretical and applied perspectives,” 2002-2004

PRIN 2003 (responsabile scientifico nazionale) su “Economic Consequences of Individual Judgments on Ambiguity and Equity: A Theoretical and Experimental Analysis,” 2003-2005

PRIN 2005 (responsabile scientifico locale) su “The role of cognition and affect in decision making. Some theoretical and experimental enquiries,” 2005-2007

PRIN 2007 (responsabile scientifico locale) su “Private information in financial markets: acquisition and processing, transmission mechanisms and market efficiency,” 2008-2010

ERC Advanced Grant (componente) su “Bounded rationality and social concerns in decision processes: theory, experiments, and applications,” 2009-2014

Progetti di ricerca Ateneo di Torino-Compagnia di San Paolo 2011 (responsabile scientifico) su “Model Uncertainty. Theory and Applications to Current Financial Issues,” 2012-2014

PRIN 2010-11 (responsabile scientifico locale) su “Robust decision making in markets and organizations,” 2013-2016

Altre attività professionali

Editor-in-chief: Decisions in Economics and Finance (Springer Verlag), 2012–

Referee per: American Economic Review, American Political Science Review, Annals of Finance, Berkeley Journals in Theoretical Economics, Decisions in Economics and Finance, Econometrica, Economic Journal, Economic Theory, Economic Theory Bulletin, Games and Economic Behavior, International Economic Review, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of the European Economic Association, Journal of Finance, Journal of Mathematical Economics, Journal of Political Economy, Journal of Public Economics, Mathematics of Operations Research, Mathematical Social Sciences, Rand Journal of Economics, Research in Economics (Ricerche Economiche), Review of Economic Studies, Theoretical Economics, Theory and Decision

Valutatore per: Israel Science Foundation, MIUR - programma PRIN, MIUR - VQR 2004-2010, NSF Economics Program, Social Sciences and Humanities Research Council of Canada, US-Israel Binational Science Foundation

Membro del Comitato di Selezione: *Borsa di Studio “Giorgio Mortara,” Banca d’Italia*, 2012–2015

Membro del Comitato Scientifico Permanente: *Foundations of Utility and Risk (FUR) Conference* 2004–

Membro del Comitato Scientifico: *VI Colloquia on Economic Research* (IGIER, Milano, giugno 1997); *Workshop Risk, Uncertainty and Decisions (RUD)* (2001, 2003), *EEA – Convegno annuale della European Economic Association* (2003, 2004, 2006), *Risk, Uncertainty and Decisions (RUD) Conference* (2008-2018)

Organizzatore: *2011 Risk, Uncertainty and Decisions (RUD) Conference* (Moncalieri, giugno 2011)

Appartenza a: Associazione per la Matematica Applicata alle Scienze Economiche e Sociali

Il sottoscritto Paolo Ghirardato dichiara che quanto dichiarato in questo curriculum corrisponde a verità ai sensi degli artt. 2 e 4 L. 15/68 e successive modificazioni.

Paolo Ghirardato

November, 2018