

CURRICULUM VITAE  
FABIO MACCHERONI  
JANUARY 2010

**Education**

- 1995 *Laurea* in Mathematics, Università di Milano, Milano (Italy)  
1999 PhD in Applied Mathematics (joint program of Università di Brescia, Università Cattolica di Milano, Università di Milano, Università di Torino)

**Professional Activities**

- 2005-current Professor, Università Bocconi, Department of Decision Sciences  
2008-current Fellow, Dondena and IGIER research centers, Università Bocconi  
2001-2005 Associate Professor, Università Bocconi, Department of Economics  
1999-2001 Assistant Professor, Università Bocconi, Department of Economics  
1998-1999 Postdoctoral Fellow, Università Bocconi, Department of Economics  
  
2008-2009 Visiting Fellow, Collegio Carlo Alberto  
2007-2008 Visiting Professor, Boston University, Department of Economics  
2006 Visiting Professor, Université Paris 1 Panthéon-Sorbonne, CERMSEM  
2005 Visiting Professor, Boston University, Department of Economics  
2004 Visiting Professor, Université Paris 1 Panthéon-Sorbonne, CERMSEM  
2003 Visiting Professor, Boston University, Department of Economics  
2002 Visiting Professor, Princeton University, Department of Economics  
2001 Visiting Professor, Boston University, Department of Economics  
2001 Visiting Professor, Caltech, Division of the Humanities & Social Sciences

**Research Interests**

Applied Mathematics, Decision Theory, Economic Theory, Mathematical Finance

**Grants, Honors, and Awards**

- 2002-2010 Principal Investigator, three different grants, Ministry of Education, University and Research  
2001-2007 Excellence in Research Award, Università Bocconi

**Selected Publications**

- “Risk measures: Rationality and diversification,” with Simone Cerreia-Vioglio, Massimo Marinacci, and Luigi Montrucchio, *Mathematical Finance*, forthcoming.
- “Objective and subjective rationality in a multiple prior model,” with Itzhak Gilboa, Massimo Marinacci, and David Schmeidler, *Econometrica*, forthcoming.
- “Portfolio selection with monotone Mean-Variance preferences,” with Massimo Marinacci, Aldo Rustichini, and Marco Taboga, *Mathematical Finance*, 19, 587-521, 2009.
- “Disputed lands,” with Marco Dall’Aglia, *Games and Economic Behavior*, 66, 57-77, 2009.
- “Ambiguity aversion, robustness, and the variational representation of preferences,” with Massimo Marinacci and Aldo Rustichini, *Econometrica*, 74, 1447-1498, 2006.
- “Dynamic variational preferences,” with Massimo Marinacci and Aldo Rustichini, *Journal of Economic Theory*, 128, 4-44, 2006.
- “Cores of non-atomic market games,” with Massimiliano Amarante, Massimo Marinacci, and Luigi Montrucchio, *International Journal of Game Theory*, 34, 399-424, 2006.
- “When an event makes a difference,” with Massimiliano Amarante, *Theory and Decision*, 60, 119-126, 2006.
- “A strong law of large numbers for capacities,” with Massimo Marinacci, *The Annals of Probability*, 33, 1171-1178, 2005.
- “Certainty independence and the separation of utility and beliefs,” with Paolo Ghirardato and Massimo Marinacci, *Journal of Economic Theory*, 120, 129-136, 2005.

- “Fair division without additivity,” with Marco Dall’Aglia, *The American Mathematical Monthly*, 112, 363-365, 2005.
- “Monotone continuous multiple priors,” with Alain Chateauneuf, Massimo Marinacci, and Jean-Mark Tallon. *Economic Theory*, 26, 973-982, 2005.
- “Differentiating ambiguity and ambiguity attitude,” with Paolo Ghirardato and Massimo Marinacci, *Journal of Economic Theory*, 118, 133-173, 2004.
- “Random correspondences as bundles of random variables,” with Adriana Castaldo and Massimo Marinacci *Sankhyā (Series A)*, 66, 409-427, 2004.
- “Choquet insurance pricing: a caveat,” with Erio Castagnoli and Massimo Marinacci, *Mathematical Finance*, 14, 481-485, 2004.
- “Expected utility theory without the completeness axiom,” with Juan Dubra and Efe Ok, *Journal of Economic Theory*, 115, 118-133, 2004.
- “Yaari’s dual theory without the completeness axiom,” *Economic Theory*, 23, 701-714, 2004.
- “A subjective spin on roulette wheels,” with Paolo Ghirardato, Massimo Marinacci, and Marciano Siniscalchi, *Econometrica*, 71, 1897-1908, 2003.
- “How to cut a pizza fairly: Fair division with decreasing marginal evaluations,” with Massimo Marinacci, *Social Choice and Welfare*, 20, 457-465, 2003.
- “Coherence without additivity,” with Enrico Diecidue, *Journal of Mathematical Psychology*, 47, 166-170, 2003.
- “Insurance premia consistent with the market,” with Erio Castagnoli and Massimo Marinacci, *Insurance: Mathematics and Economics*, 31, 267-284, 2002.
- “BV as a dual space,” with William Ruckle, *Rendiconti del Seminario Matematico dell’Università di Padova*, 107, 101-109, 2002.
- “Maxmin under risk,” *Economic Theory*, 19, 823-831, 2002.
- “Homothetic preferences on star-shaped sets,” *Decisions in Economics and Finance*, 24, 41-47, 2001.
- “Restricting independence to convex cones,” with Erio Castagnoli, *Journal of Mathematical Economics*, 34, 215-223, 2000.

### **Invited Seminars Abroad**

Bielefeld University, Boston University, California Institute of Technology, Cass Business School (London), INSEAD (Fontainebleau), Ecole Normale Supérieure de Cachan, Humboldt University (Berlin), Institute for Advanced Study (Princeton), Northwestern University, Oxford University, Tilburg University, Université Paris 1 “Panthéon-Sorbonne”, Université Paris Dauphine, Vienna Institute of Finance

### **Refereeing Activity**

Journals: *Decisions in Economics and Finance*, *Econometrica*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Journal of Mathematical Psychology*, *Mathematics and Financial Economics*, *Mathematical Finance*, *Mathematics of Operations Research*, *Mathematical Social Sciences*, *Management Science*, *Proceedings of the American Mathematical Society*, *Theory and Decision*, *Theoretical Economics*

Other: *Bi-National Science Foundation (Israel-United States)*, *Israel Science Foundation*, *National Science Foundation*

### **Teaching Experience**

Calculus, Decision Theory, Game Theory, Linear Algebra, Measure Theory, Topology