

# Roberto Leombruni

## Curriculum Vitae

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research areas: workers mobility; labour market and retirement policies;  
agent-based microsimulations; ageing population;  
administrative-based data

## CURRICULUM STUDIORUM

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- 2002 PhD in Economics at the University of Ancona.
- 1999 Summer school in Econometrics, *Cide* (Centro Interuniversitario di Econometria), Bertinoro
- 1998 Master's Degree in Economics at the University of Ancona.
- 1997 Laurea (*summa cum laude*), in Economics, University of Turin. Dissertation on *La teoria della Politica Economica. Una lettura metodologica (The Theory of Economic Policy. A Methodological Reading)*

## TEACHING

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- 2005-today Professor of Microsimulation Models for Policy Analysis, University of Turin, Political Science Faculty
- 2004-2005 Professor of Computational Economics, University of Turin, Political Science Faculty
- 2002-2003 Professor of Statistics, University of Piemonte Orientale, Faculty of Law

## REASERCH

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- 2002- Senior Researcher, LABORatorio R. Revelli – Centre for Employment Studies. Director of WHIP division. WHIP (Work Histories Italian Panel) is a leading

Italian database for labour and welfare studies, based on INPS (Italian's National Social Security Administration) administrative archives. Coordinator (with Matteo Richiardi) of the unit on agent-based microsimulations.

- 2003 Visiting scholar, Hokkaido University, Sapporo
- 2001 Visiting Researcher at the School of Finance and Economics, University of Technology, Sydney
- 2000-2001 Post-Doc fellow, University of Turin, Political Science Faculty
- 1998-1999 Senior Researcher, R&P - Ricerche e Progetti, Turin.
- 1996 Research assistant at Icer - *International Center of Economic Research*, Turin

## PUBLICATIONS – JOURNAL ARTICLES

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“Exploring a new ExpAce: The complementarities between Experimental Economics and Agent-based Computational Economics” (2007), *Journal of Social Complexity* (with B. Contini e M. Richiardi), vol. 3 n. 1

“From work to retirement: a tale of bumpy routes” (2006), *Review of Political Economy*, Vol. 18, n. 3, pp. 359-378 (with B. Contini)

“Herd behavior and non-fundamental asset price fluctuations in financial markets” (2006), *Macroeconomic Dynamics*, Vol. 10, No. 4 (with G.I. Bischi, M. Gallegati, L. Gardini, A. Palestrini)

“A common protocol for agent-based social simulation” (2006), *JASSS - Journal of Artificial Societies and Social Simulation*, vol. 9, n. 1 (with M. Richiardi, N. Saam, M. Sonnessa)

“LABORsim: an agent-based microsimulation of labour supply. An application to Italy” (2006), *Computational Economics*, n. 27, pp. 63-88 (with M. Richiardi)

“A short, not pessimistic story about the economic impact of ageing” (2005), *Genus*, vol. LXI, n. 3-4

“Why are economists sceptical about agent-based simulations?” (2005), *Physica A*, Volume 355, Issue 1, (with M. Richiardi)

“La mobilità dei lavoratori in Italia. Nuove evidenze dal Work Histories Italian Panel” (*Workers mobility in Italy. New evidence from WHIP*) (2004), in *Sistema previdenza*, n. 3 (with R. Quaranta)

“Selected papers from the workshop on industrial and labor dynamics. Editorial” (2004), *Advances in Complex Systems*, vol. 7, n. 2 (with Bruno Contini e Matteo Richiardi)

“Asset price dynamics among heterogeneous interacting agents” (2003), *Computational Economics*, vol. 22, n. 27 (with C. Chiarella, M. Gallegati, A. Palestrini)

Contribution to the panel “Il ruolo delle simulazioni nelle scienze sociali” (2000), *Sistemi Intelligenti*, n. 2/2000

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## PUBLICATIONS – BOOKS

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*Industry and Labor Dynamics: The Agent-Based Computational Economics Approach*, Singapore, World Scientific Press, 2004 (ed., with M. Richiardi)

Special issue of *Advances in Complex Systems* (2004, vol. 7, n. 2), “Selected papers from the Workshop on Industrial and Labor Dynamics. The Agent-based Computational Approach (Wild@Ace)” (ed., with B. Contini e M. Richiardi)

Special issue of *Computational Economics* (2006, n. 27), “Selected papers from the second Workshop on Industrial and Labor Dynamics. The Agent-based Computational Approach (Wild@Ace)” (ed., with M. Richiardi)

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## PUBLICATIONS – BOOK CHAPTERS

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“Wage mobility and dynamics in Italy 1993-1998”, forthcoming su E. Lazear, K. Shaw (eds.) *The Structure of Wages within Firms. Europe and the United States*, Chicago, NBER (with B. Contini, L. Pacelli e C. Villosio)

“Ignoranda legis non ignoranda est” (2008), in R. Caterina (Ed.), *I fondamenti Cognitivi del Diritto: Percezioni, Rappresentazioni, Comportamenti*, Milano, Mondadori (with M. Novarese)

“Employability of older workers in Italy and Europe” (2006), in W. Herremans, N. Heuvel, C. Ehrel (eds.), *Active Ageing: Early Retirement and Employabilty*, Steunpunt WAV – Resource Centre for Labour Market Research, Belgium (with C. Villosio)

“Una risposta alle critiche: le metodologie per la definizione dei modelli di simulazione” (2006), in P. Terna *et al.* (eds.), *Modelli per la complessità - La simulazione ad agenti in economia*, Bologna, Il Mulino (with M. Richiardi)

“Percorsi verso la pensione. Storie lavorative dei lavoratori anziani in Italia” (2005), in B. Contini e U. Trivellato (eds.), *Eppur si muove. Dinamiche e persistenze nel mercato del lavoro italiano*, Bologna, Il Mulino

“Whip, il *Work Histories Italian Panel*” (2005), in B. Contini e U. Trivellato (eds.), *Eppur si muove. Dinamiche e persistenze nel mercato del lavoro italiano*, Bologna, Il Mulino

“Eppure si muoveva già: Una breve storia della mobilità dei lavoratori in Italia” (2005), in B. Contini e U. Trivellato (eds.), *Eppur si muove. Dinamiche e persistenze nel mercato del lavoro italiano*, Bologna, Il Mulino (with R. Quaranta)

“La mobilità dell’insieme dei lavoratori 1995-2003” (2005), in B. Contini e U. Trivellato (eds.), *Eppur si muove. Dinamiche e persistenze nel mercato del lavoro italiano*, Bologna, Il Mulino (with A. Paggiaro, R. Rosati, U. Trivellato)

“I percorsi degli anziani tra lavoro e pensione” (2004), in A. Golini (ed.), *L’invecchiamento della popolazione e della forza lavoro: aspettative e comportamenti di individui e aziende*, Roma, ISFOL, 2006

“Il turnover delle imprese e dei lavoratori” (2003), in Claudio Lucifora (ed.), *Mercato, occupazione e salari: la ricerca sul lavoro in Italia*, Milano, Mondadori Università (with Lia Pacelli)

“Mean Field Effects and Interaction Cycles in Financial Markets” (2003), in R. Cowan e N. Jonard (eds.), *Heterogeneous Agents, Interactions and Economic Performance*, Berlino, Springer Verlag (with M. Gallegati, A. Palestini)

“Imprese, posti di lavoro e lavoratori: una sintesi” (2002), in B. Contini (ed.), *Osservatorio sulla mobilità del lavoro in Italia*, Bologna, Il Mulino (with B. Contini)

“Mobilità dei lavoratori in Italia, 1985-1996: andamento ciclico e cambiamenti strutturali” (2002), in B. Contini (ed.), *Osservatorio sulla mobilità del lavoro in Italia*, Bologna, Il Mulino (with R. Quaranta)

“Aspetti istituzionali del mercato del lavoro” (2002), in B. Contini (ed.), *Osservatorio sulla mobilità del lavoro in Italia*, Bologna, Il Mulino (with C. Malpede)

“Asset Price Dynamics Among Heterogeneous Interacting Agents” (2002), in C. Urban (ed.), *Workshop 2002: Agent-based simulation 3*, Proceedings, SCS - European Publishing House, Erlangen, Ghent

“Industrial Dynamics with Quasi-Zero Intelligence Interacting Firms” (2001), in A. Kirman e J.B. Zimmermann (eds.), *Economics with Heterogeneous Interacting Agents*, Berlino, Springer Verlag (with D. Delli Gatti e M. Gallegati)

“Growing Theories from the ‘Bottom Up’. A Simple Entry-Exit Model” (2001), in F. Luna e A. Perrone (eds.), *Agent-Based Methods in Economics and Finance: Simulations in Swarm*, Dordrecht, Kluwer Academic Publishers (with D. Delli Gatti e M. Gallegati)

## PUBLICATIONS – WORKING PAPERS

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“Firm Data Analysis in Linked Employer-Employees Datasets” (2006), Laboratorio Riccardo Revelli Working Paper Series, n. 26, submitted to *Journal of Industrial Behaviour and Organization*

“The Methodological Status of Agent-Based Simulations” (2003), Laboratorio Riccardo Revelli Working Paper Series, n. 19

“Non Price Interaction and Business Fluctuations in an Agent Based Model of Firms’ Demography” (2002), Laboratorio Riccardo Revelli Working Paper Series, n. 17

“The Unemployment Route to Versatility” (2002), Laboratorio Riccardo Revelli Working Paper Series, n. 16 (with R. Quaranta)

“Asymmetries and Interaction Cycles in Financial Markets” (2001), CeNDEF Workshop Papers, January 2001 (with D. Delli Gatti e M. Gallegati)