

GIANLUCA MANZO

Curriculum Vitae

[January 2010]

PERSONAL DATA

Birth: August 2, 1978, Alessandria (Italy)

Nationality: Italian

Residence: France

61 Avenue de la Motte Piquet

75015 Paris

Civil Status: married; one child

ACADEMIC POSITION

Junior Research Fellow in Sociology (october 2007 -)

Centre National de la Recherche Scientifique (CNRS), Paris (France)

Groupe d'Étude des Méthodes de l'Analyse Sociologique (GEMAS) (UMR 8598)

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OTHER ACADEMIC POSITIONS

Lecturer in Quantitative Methods at University of Paris IV – Sorbonne (October 2007 -)

Teaching from 2008:

“Introduction to NetLogo Agent-Based Platform” (undergraduate, 4th year)

Teaching in 2007-2008:

“Introduction to Loglinear Models” (undergraduate, 4th year)

PAST ACADEMIC POSITIONS

2006–2007: *Assistant Professor*, University of Paris IV–Sorbonne, Department of Sociology.

Courses Taught (undergraduate, 3rd and 4th year): « Sociological Tradition », « Quantitative Methods », « Social Stratification », « Models in Sociology », « Sociology of Education », « Sociology of the Social Mechanisms ».

2006–2007: *Professor of Social Statistics* (undergraduate, 4th year), University of Trento (Italy), Department of Sociology.

2003 – 2004: *Teaching Assistant in Methods and Techniques of Social Research* (undergraduate, 4th year), University of Trento (Italy), Department of Sociology.

ACADEMIC DEGREES

PhD in Social Sciences (with distinction) (2006), University of Paris IV – Sorbonne.

PhD in Epistemology and Methodology of the Social Sciences (with distinction) (2006), University of Trento (Italy).

M.Phil. in Social Sciences and Philosophy of Knowledge (2002), University of Paris IV – Sorbonne.

B.A. in Sociology (magna cum laude) (2001), University of Trento (Italy).

ACADEMIC VISITORSHIP

2010 (April). – *Guest Researcher*, University of Oslo, Department of Sociology and Human Geography.

2010 (March). – *Visiting Professor*, Universitat Autònoma de Barcelona, Department of Sociology.

2010 (January). – *EqualSoc Visitor*, Università di Trento, Department of Sociology & Social Research.

2009 (April – June). – *Official Sociology Group Visitor*, University of Oxford, Nuffield College.

RESEARCH INTERESTS

On an epistemological level, I am interested in debates on *causality*, structure of the *scientific explanation* and *realism*. From a theoretical point of view, my main interests are in *analytical sociology*. On a methodological level, I am interested in *quantitative methods* (especially, statistical techniques for categorical data), in *mathematical sociology* (especially, history of this approach) and in *computational sociology* (especially, agent-based modelling). From an empirical point of view, my main interests are in *educational inequalities*, *career* and *intergenerational mobility*, *subjective perceptions of social inequalities*, *social networks* and *collective action* (especially, extreme movements).

PUBLICATIONS (please see also the abstracts file)

Books:

In French:

2009. – *La spirale des inégalités. Choix scolaires en France et en Italie au XX^e siècle*, Paris, Presses de l'Université Paris-Sorbonne (PUPS), coll. L'intelligence du sociale, 336 p. (ISBN 978-2-84050-6444-7).

Articles:

In English:

2010. – « Analytical Sociology and Its Critics », *European Journal of Sociology (Archives Européennes de Sociologie)*, 51, 1, pp. xx-yy (forthcoming).

2007. - « Variables, mechanisms, and simulations: can the three methods be synthesized? A critical analysis of the literature », *Revue Française de Sociologie - An Annual English Selection* -, 48, Supplement, pp. 35-71.

2006. - «Generative Mechanisms and Multivariate Statistical Analysis. Modeling Educational Opportunity Inequality by Multi-Matrix Log-Linear Topological Model: Contributions and Limits », *Quality & Quantity*, 40, 5, pp. 721-758.

In French:

2007. – « Progrès et 'urgence' de la modélisation en sociologie. Du concept de modèle générateur et de sa mise en œuvre », *L'Année Sociologique*, 57, 1, pp. 13-61.

2007. – « Le modèle du choix éducatif interdépendant. Des mécanismes théoriques aux données empiriques françaises et italiennes », *European Journal of Sociology (Archives Européennes de Sociologie)*, 48, 1, pp. 3-53.

2006. - « Actions, interactions et structure dans l'émergence de la stratification sociale des diplômés : un modèle de choix discrets avec externalités », *Mathematics and Social Sciences (Mathématiques et Sciences Humaines)*, 175, 3, pp. 53-99.

2005. - «Variables, Mécanismes et simulations : une synthèse des trois méthodes est-elle possible ? Une analyse critique de la littérature », *Revue Française de sociologie*, 46, 1, pp. 37-74.

In Italian:

2009. – « Interazioni, interdipendenze e stratificazione educativa. Simulazioni multi-agente di un modello formale », *Quaderni di Sociologia*, LIII, 49, pp. 113-152.

2004. - « Verso una teoria delle diseguaglianze di opportunità educative », *Studi di Sociologia*, 42, 1, pp. 79-113

2003 (with C. Corposanto). - « Disuguaglianze educative e loro trasformazioni nel tempo:

problemi tecnici e metodologici di un'analisi compiuta mediante reti neurali artificiali », *Sociologia e Ricerca sociale*, XXIV, 70, pp. 43-69.

Books Chapters:

In English:

2010. – « Relative Deprivation *in Silico*: Agent-based Models and Causality in Analytical Sociology », in P. Demeulenaere (ed.), *Analytical Sociology and Social Mechanisms*, Cambridge, Cambridge University Press, ch. x, pp. xx-yy (forthcoming).

2009. – « Boudon's Model of Relative Deprivation Revisited », in M. Cherkaoui & P. Hamilton (eds.) *Raymond Boudon: A Life in Sociology*, Oxford, Bardwell Press, vol. 3, part 3, ch. 46, pp. 91-121.

In French:

2009. – « Analyse formelle », in O. Filieule, L. Mathieu, C. Péchu (eds.), *Dictionnaire des mouvements sociaux*, Paris, Presses de Science Po, 54-61.

In Italian:

2004 - « Appunti sulla simulazione al computer. Un metodo attraente per la ricerca sociologica », in C. Corposanto (ed), *Metodologia e tecniche non-intrusive nella ricerca sociale*, Milano, Franco Angeli, ch. 9, pp. 183-197.

Review Essay:

2007. – « Comment on Andrew Abbott/2 », *Sociologica*, 2.

Book Reviews:

In English:

2008. - Review of Nigel GILBERT, *Agent-based Models*, London, Sage Publications, 2007, *Journal of Artificial Societies and Social Simulation*, 11, 2.

2007. - Towards an analytical understanding of terrorism as a dynamic multilevel phenomenon, Review of Domenico TOSINI, *Terrorismo e antiterrorismo nel XXI secolo*, Bari, Laterza Universale, 2007, *European Journal of Sociology (Archives Européennes de Sociologie)*, 2007, 48 (3), pp. 525-529.

2005. - Review of Antonio Schizzerotto (ed.), *Vite ineguali. Diseguaglianze e corsi di vita nell'Italia contemporanea*, Il Mulino, Bologna 2002, *European Sociological review*, 21, 4, pp. 423-426.

In French:

2009. – Extremisme, rationalité individuelle et interactions sociales, Review of Ronald Wintrobe, *Rational Extremism. The Political Economy of Radicalism*, Cambridge, Cambridge University Press, 2006, *European Journal of Sociology (Archives Européennes de Sociologie)*, 2009, 50 (3), pp. 450-458.
2009. – Review of Marc Barbut, *La mesure des inégalités. Ambigüités et paradoxes*, Droz, Genève-Paris 2007, *L'Année Sociologique*, 59, 2, pp. 507-512.
2007. – Review of Loredana Sciolla, *La sfida dei valori. Rispetto delle regole e rispetto dei diritti in Italia*, Il Mulino, Bologna 2004, *Revue Française de Sociologie*, 48, 3, pp. 618-621.
2005. - Review of Filippo Barbera, *Meccanismi sociali. Elementi di sociologia analitica*, Il Mulino, Bologna 2004, *Revue Française de Sociologie*, 46, 3, pp. 592-595.

OTHER WRITINGS

In French:

2009. – “Comment quantifier les groupes sociaux?”, Review of: Special Issue of *The Tocqueville Review* on “Compared Ethnic Statistics”, 2008, XXIX, 1, *La vie des idées*.
2009. – “Dynamiques de l’extrême”, Review of Ronald Wintrobe, *Rational Extremism. The Political Economy of Radicalism*, Cambridge, Cambridge University Press, 2006, *Sociétal*, 65, 3, 151-158.

WORKING PAPERS and WORK in PROGRESS

In English :

- 10/2009. – *Some To-think-with Issues in Building a Computational Analytical Sociology* (paper written for the II Jornada de Sociologia Analitica y Diseño Institucional, Departament de Sociologia, Universitat Autònoma de Barcelona, Barcelona, November 3-4, 2009).
- 10/2008. – « Generating Aggregated and Individual Patterns of Relative Deprivation. Agent-Based Models and Analytical Sociology » (paper written for the Sorbonne Conference on “Social Mechanisms and Analytical Sociology”, Paris, October 17-18, 2008).

In Italian :

- 2/2008. – « Che cos’è la sociologia analitica ? » (paper written for an invited talk I gave at the University of Trento on February 2008)

CONFENRENCES ORGANISED

International Conference on « Social Mechanisms and Analytical Sociology », University of Paris IV – Sorbonne, Paris, 17th – 18th October 2008 (with Pierre Demeulenaere).

EDITORIAL ACTIVITIES

(November 2007 -) Editorial Board, *L'Année Sociologique*.

(Aprile 2009 -) Editorial Board, series "La società italiana", Bonanno Editore (Roma/Acireale).

(2007 -) Occasional manuscript reviewer for: *Journal of Artificial Societies and Social Simulation* (JASSS), *European Social Simulation Association (ESSA) Conferences*, *Sociological Theory*.

INVITED LECTURES and SEMINARS (delivered in countries different from France and Italy)

The Spiral of Inequality (4/2010), University of Oslo, Department of Sociology and Human Geography.

Computational Approaches to Social Stratification Phenomena (three-lecture seminar) (3/2010), Departament de Sociologia, Universitat Autònoma de Barcelona, Barcelona.

Some To-think-with Issues in Building a Computational Analytical Sociology (11/2009), II Jornada de Sociologia Analítica y Diseño Institucional, Departament de Sociologia, Universitat Autònoma de Barcelona, Barcelona.

Population-based versus Neighbourhood-based Comparisons. Insights from an Agent-based model of Relative Deprivation, EqualSoc Conferences, SOCCULT Research Group Workshop, Paris.

Agent-based Simulations of Relative Deprivation Rates and Feelings (6/2009), Torino Workshop on Mechanisms and Analytical Sociology, Department of Social Sciences, University of Torino (Italy).

Incorporating Social Interactions in the Explanation of the Inequality of Educational Opportunities (5/2009), Sociology Seminars Series, Nuffield College, Oxford.

INVITED LECTURES and SEMINARS (delivered in France or in Italy)

La spirale des inégalités (4/2010), Groupe d'étude des méthodes de l'analyse sociologique de la Sorbonne (GEMASS), CNRS-Paris-Sorbonne, Paris (France).

La spirale des inégalités (3/2010), Centre Maurice Halbwachs, Equipe de recherche sur les inégalités sociales (ERIS), CNRS-ENS-EHESS, Paris (France).

Un modèle computationnel de la frustration relative (1/2010), Groupement de Recherche en Economie Quantitative d'Aix Marseille (GREQAM), CNRS-EHESS-Université de Aix-Marseille II et III, Marseille (France).

Interdépendance, interactions et stratification éducative (3/2008), 'Groupement de Recherche en Economie Quantitative d'Aix Marseille' (GREQAM), CNRS-EHESS-University of Aix-Marseille II et III, Marseille (France).

Status e applicazioni della sociologia analitica (2/2008), Department of Sociology and Social Research, University of Trento (Italy).

Vers un nouveau modèle de l'explication sociologique ? (12/2007), 'Institut d'Études Politiques' (IEP) of Paris (France).

Generare la stratificazione sociale dei diplomi. L'utilizzo dei sistemi multi-agente per studiare l'interazione delle scelte educative degli attori (6/2007), conference "Esplorare la coesione sociale", Methodology Committee of the Associazione Italiana di Sociologia (AIS), Trento (Italy).

Analyse de la stratification éducative et systèmes multi-agents. Les apports et les limites d'une technique de simulation informatique (5/2007), 'Laboratoire de Sociologie Quantitative (LSQ)', Centre de Recherche en Économie et Statistique (CREST), Paris (France).

Quantification de la stratification éducative et modélisation de sa genèse (2/2007), 'Institut de Recherche sur les Sociétés Contemporaines' (IRESCO), Paris (France).

La modélisation des processus générateurs des phénomènes macrosociaux : la méthode 'individus-centrée' (1/2007), the Department of Sociology, University of Bordeaux 2, Bordeaux (France).

Pourquoi un sociologue devrait-il s'intéresser aux 'systèmes multi-agents', et comment pourrait-il le faire ? Quelques notes réflexives préliminaires (1/2007), 'École des Hautes Études en Sciences Sociales' (EHESS), Paris (France).

Mesurer et expliquer les différentes dimensions de la stratification éducative (12/2006), 'Institut National de Statistique et des Études Économiques' (INSEE), Paris (France).

Modellizzazione e formalizzazione dei meccanismi generatori della stratificazione educativa. Analisi di un sistema multi-agente applicato a dati francesi e italiani (4/2006), Department of Social Sciences, University of Torino (Italy).

Modèles, Modèles, Modèles (4/2006), workshop on « La notion de modèle », 'Institut de recherche sur l'éducation' (IREDU), University of Bourgogne, Dijon (France).

Notes pour un 'individualisme méthodologique complexe' (6/2005), workshop on « Sociologie : entre théorisation et opérationnalisation », 'Centre d'études sociologiques de la Sorbonne' (CESS), University of Paris IV – Sorbonne, Paris (France).

RESEARCH GRANTS

2009 – 2011. – *Italy's wage and Public Pension System: Behaviors, beliefs and redistributive criteria: an empirical investigation*, University of Turin, coordinated by Alberto Baldissera (sociological section of a wider socio-economic project called AGING: *Aging, Labor Productivity and Sustainability of Public Pension Systems: an Investigation through Macro and Micro Modelling*, coordinated by Elsa Fornero).

2008 – 2010. – *Inégalités et Sentiments de Justice*, Institut de France, Académie des Sciences Morales et Politiques, coordinated by R. Boudon, M. Cherkaoui, M. Forsé and O. Galland.

PARTICIPATION IN SCIENTIFIC ASSOCIATIONS and RESEARCH GROUPS

Member of the *Association Française de Sociologie* (AFS)

Member of the *Research Group on Experimental and Computational Sociology* (GECS)

Member of the *European Network of Analytical Sociologists*

Member of *EqualSoc* (SOCCULT Research Group)