

CURRICULUM VITAE FLAMINIO SQUAZZONI

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Bio

I was born in Darfo Boario Terme (Brescia, Italy) on 21st November 1970. I live in Sale Marasino (Brescia, Italy) with Marta and Eleonora (my daughter). I speak Italian (mother tongue), English and French. I can understand and read Spanish.

Current appointments and positions

Associate Professor of Economic Sociology, Department of Social Sciences, University of Brescia
Editor of *JASSS-Journal of Artificial Societies and Social Simulation*
President of ESSA- European Social Simulation Association (Sept 2012/Sept 2016)
Head of the GECS-Research Group on Experimental and Computational Sociology, Dept of Social Sciences, University of Brescia

Past appointments and positions

Visiting Professor of Economic Sociology, Department “Hyman P. Minsky” of Economics, University of Bergamo (from 2001 to 2003)
Visiting Scholar at Santa Fe Institute, New Mexico, USA (Jan./Feb. 2003)
Post-Doc Researcher, Department of Social Sciences, University of Brescia (from 2003 to 2005)
Post-Doc Fellow, Dept of Business & Management, University of Brescia (2005)

Education

First-Class Honours Degree in History (University of Milan, Italy) (AY 1997/1998)
PhD in Economic Sociology (Department of Social Sciences, University of Brescia, Italy (AY 1999-2002)

Current Teaching

“Sociology of Organisation”, Bachelor Degree in Business Management, University of Brescia (from AY 2003/2004) [40 teaching hours, 6 ECTS]
“Leadership and Complex Organizations”, Master Degree in Management, University of Brescia (from AY 2012/2013) [40 teaching hours, 6 ECTS]
“Social Simulation”, PhD Programme in Economic Sociology, University of Brescia (from AY 2006-2007) [12 teaching hours]

Past Teaching

- “Economic Sociology”, Faculty of Economics, University of Bergamo (AY 2001-2002/ 2002-2003)
- “Economic Sociology of Profit and Non-Profit Institutions”, Master in International Studies in Philanthropy and Social Entrepreneurship, University of Bologna (AY 2003-2004/ 2004-2005)
- “ICT and New Forms of Organisation”, Faculty of Economics, University of Brescia (from AY 2003/2004 to 2010/2011)
- “Network Organizations: Theories and Models”, Faculty of Economics, University of Brescia, (AY 2007/2008-2008/2009)
- “Comparative Analysis of Economic and Social Institutions”, Faculty of Economics, University of Brescia, (AY 2008/2009)
- “Complex Social Systems in Socio-Economics”, Central European University Summer University, Budapest (July 2008)
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Research

My research interest is agent-based computational sociology and social simulation. In particular, I am interested to investigate the relevance of social norms and institutions for economic behaviour and markets, by combining experimental and agent-based computational methods.

Current Research Projects

- “PEERE-New Frontiers of Peer Review”, COST Action TD1306 (chair) (2014-2018)
- “IN-RETE- Ageing, health and social networks in Brescia”, co-funded by University of Brescia and EULO Foundation (June 2013-December 2014) (co-investigator)
- “Constructed Complexities”, ESRC project, University of Manchester (2013-2016) (co-investigator)

Completed Research Projects

- “MOSACC-Agent-Based Simulation Models to Support Web Tools for Enterprise Collaborative Knowledge Management”, Co-Granted by Fondazione Cariplo, University of Brescia, and Project Group (October 2010-October 2012)
- “0DISCRIMINATION- Discrimination Norms Enforced and Disrupted by Social Networks: A Research Program Using Simulation and Experiments”, host of the IEF Fellowship granted by the European Commission to Karoly Takacs (Corvinus University of Budapest), Grant Agreement Number 236953 (January 2010/August 2011)
- “Academic Entrepreneurship: A Multi-Disciplinary Analysis”, granted by Italian Ministry of Universities and Research (coordinator Luigi Orsenigo, University of Brescia), Member of the Research Unit of the Department of Social Sciences, University of Brescia (coordinator Giancarlo Provasi) (2007-2009)
- “SOCRATE-Artificial Societies for Competition and Cooperation: Knowledge Networks, Organisational Reputation and SMEs Clusters. The Creation of a User-Enabling Simulator”, granted by Italian Ministry of Universities and Research (coordinator Rosaria Conte, CNR Rome), Member of the Research Unit of the Department of Social Sciences, University of Brescia (2005-2008)
- “Non-Profit Organisations, Social Capital and Economic Development”, granted by CARIPO Foundation, Milan (coordinator Giancarlo Provasi, Department of Social Sciences, University of Brescia, Italy) Member of the Research Unit (2002/2003)
- “Organisational Design, Management Styles and Performance of Firms”, granted by Italian Ministry of Universities and Research (coordinator Riccardo Leoni, Department “Hyman P. Minsky” of Economics, University of Bergamo, Italy), Member of the Research Unit (2002-2003)
- “The Engineer as an Actor of Social Change”, granted by CNR (coordinator Giuliana Gemelli, University of Bologna, Italy), Member of the Research Unit (2001-2002)

Chairmanship of Scientific Events

Leader of the Working Group on “Regional Innovation Systems and Complexity”, EXYSTENCE Thematic Institute for Complexity and Innovation (EXYSTENCE The Complex Systems Network of Excellence), Vienna (September 2004)

Scientific Chair of the International Workshop EPOS Epistemological Perspectives on Simulation, II Edition, Brescia, October 2006

(co-chairs Nigel Gilbert and Klaus Troitzsch) Chair of the Regular Session on "Agent-Based Social Simulation" to the 38th World Congress of the International Institute of Sociology, Central European University, Budapest, June 26-30, 2008

(co-chair Giangiacomo Bravo) Chair of the Regular Session on "Computational and Experimental Approaches to Cooperation in Human Societies" to the 38th World Congress of the International Institute of Sociology, Central European University, Budapest, June 26-30, 2008

Scientific Chair of the Fifth Conference of the European Social Simulation Association, Brescia, September 2008

Director of the First ESSA Summer School in Social Simulation, Brescia, September 2010

Chair of the Track on Social Dynamics and Collective Behaviour at the 26th European Conference on Modelling and Simulation, Koblenz May 29th – June 1st 2012

Co-Chair (with Petra Ahrweiler) of the Track on Applications in Social Sciences and Organization, at the Winter Simulation Conference, Berlin 9th – 12th 2012

Co-Chair (with Bruce Edmonds) of the Track on Simulation of Social Interaction, at the 27th European Conference on Modelling and Simulation, Ålesund, Norway May 27th–30th 2013

Co-Chair (with Karoly Takacs) of the Track on Social Interaction: Experimental and Computational Analysis at the 41st IIS World Congress, Uppsala, 9-10 June 2013

Chair of the Track on “Simulation of Science” at the 9th Conference of the European Social Simulation Association Conference, Warsaw School of Economics, 16-20 September 2013

Chair of the 28th European Conference on Modelling and Simulation, University of Brescia, 27-30 May 2014

Co-Chair of the 5th World Congress of Social Simulation, Brazil, 4-9 November 2014

Academic, scientific, editorial, and institutional memberships

President of ESSA (European Social Simulation Association) (2012/2016)

Member of the Management Committee of the European Council for Modelling and Simulation (2014-)

Elected Member of Management Committee of ESSA (European Social Simulation Association) (2008-2010/2010-2012)

Elected Member of the University of Brescia Research Council and Academic Senate (2010-2014)

Elected Member of the University of Brescia Board of Directors (2006-2010)

Board Member and Secretary of the Ph.D. Programme in Economic Sociology, University of Brescia, Italy (from 2007)

Member of the Scientific Board of the Master in International Studies in Philanthropy and Social Entrepreneurship, University of Bologna

Member of the Editorial Board of *JASSS-Journal of Artificial Societies and Social Simulation*, *Sociologica-Italian Journal of Sociology Online*, *Sistemi Intelligenti*, *The Society for Modeling & Simulation International Newsletter*, and *GIVING: Thematic Issues in Philanthropy and Social Innovation*

Member of the advisory board of the Wiley Series in Computational and Quantitative Social Science (from 2012)

Member of the Scientific Committees of the following international conferences:

III ESSA Conference (Koblenz 2005), WSYS First International Workshop on Systems and Complexity (Helsinki 2006), WCSS06 First World Congress of Social Simulation (Kyoto 2006), II EPOS "Epistemological Perspectives on Simulation " Workshop (Brescia 2006), IV

ESSA Conference (Toulouse 2007), V ESSA Conference (Brescia 2008), II World Congress of Social Simulation (Washington 2008), First ICORE- International Conference on Reputation: Theory and Technology (Gargonza, 2009), AAMAS 2009, the Eighth International Conference on Autonomous Agents and Multiagent Systems (Budapest 2009), IJCAI Workshop on Social Simulation (Pasadena 2009), First International Workshop Agent-Based Social Simulation and Autonomic Systems (Limassol, Cyprus 2009), The Sixth ESSA Conference on Social Simulation (Guilford, UK), AAMAS 2010-the Ninth International Conference on Autonomous Agents and Multiagent Systems (Toronto 2010), EPOS 2010-Epistemological Perspectives on Simulation Workshop (Hamburg, 2010), MAPS2 Conference-Teaching of/with Agent-Based Models in the Social Sciences (Paris, 2010), BWSS 2010- The Second Brazilian Workshop on Social Simulation (Rio Grande, 2010), The Third World Congress on Social Simulation (Kassel, 2010), ICORE 2011-Second International Conference on Reputation (Montpellier, 2011), The Seventh ESSA Conference on Social Simulation (Montpellier, 2011), The 4th World Congress of Social Simulation (Taipei, 2012), SIMULTECH 2012- The 2nd International Conference on Simulation and Modeling Methodologies, Technologies and Applications (Rome, 2012), The 8th Conference of the European Social Simulation Association Conference (Salzburg, 2012), AMPLE 2012 (Montpellier, 2012), BWSS 2012-The Third Brazilian Workshop on Social Simulation (Curitiba, 2012), EPOS 2012- The Fifth Edition of Epistemological Perspectives on Simulation (San Antonio, 2012), SocInfo 2012 – The 4th International Conference on Social Informatics (Lausanne, 2012), SIMULTECH 2013- The 3rd International Conference on Simulation and Modeling Methodologies, Technologies and Applications (Reykjavik, 2013), ECSS 2013- Satellite Workshop on Computational Social Science. From Social Contagion to Collective Behaviour (Barcelona, 2013), 11th Brazilian Congress on Computational Intelligence (Recife, 2013), The 9th Conference of the European Social Simulation Association Conference (Warsaw, 2013), Winter Simulation Conference 2013 (Washington, 2013), Socinfo 2013 (Kyoto, 2013), Social Simulation 2014 (Barcelona, 2014), Artificial Economics 2014 (Barcelona, 2014), AAMAS 2014 (Paris, 2014), PADABS 2014- 2nd Workshop on Parallel and Distributed Agent-Based Simulations (Porto, 2014), WCSS 2014- The Fifth World Congress on Social Simulation (Sao Paulo, 2014)

Member of the International Advisory Group of the MEL-C- Modelling The Early Life Course Project (2008-2010), COMPASS - Centre of Methods and Policy Application in the Social Sciences, The University of Auckland, New Zealand

Member of the Faculty of Central European University Summer University, Course on "Complex Systems and Social Simulations", Budapest, 7-18 July 2008

Member of the Editorial Advisory Board of "Handbook of Research on Nature Inspired Computing for Economics and Management", J.-P. Rennard (Ed), II Volumes, IDEA Group Reference, 2006

Refereeing and tutoring

Served as referee for the following journals: *American Journal of Sociology*, *PLoS ONE*, *Sociological Research and Methods*, *Journal of Mathematical Sociology*, *Journal of Economics and Statistics*, *Journal of Artificial Societies and Social Simulation*, *Computational and Mathematical Organization Theory*, *Research Policy*, *Journal of Evolutionary Economics*, *Advances in Complex Systems*, *Artificial Intelligence*, *Environmental Software & Modelling*, *Philosophy of the Social Sciences*, *Journal of the American Society for Information Science and Technology*, *Minerva*, *Technological Forecasting & Social Change*, *Geographical Analysis*, *International Studies in the Philosophy of Science*, *Mind & Society*, *Nonprofit and Voluntary Sector Quarterly*, *Social Epistemology*, *Journal of Poverty*, *Journal of Archaeological Method and Theory*, *Neural Processing Letters*, *CityScape*, *Stato e mercato*, *Rassegna Italiana di Sociologia*, *Sociologica*, *Sistemi Intelligenti*, *Sviluppo locale*

Served as referee for research proposals submitted to the *European Science Foundation*, the *Royal Netherlands Academy of Arts and Sciences*, the *Netherlands Organisation for Scientific Research* and the *Austrian Science Fund (FWF)*

Served as referee for book proposals to *Oxford University Press* and *Wiley-Blackwell*

Served as reviewer/tutor/commission member for PhD projects and defences at *University of Brescia*, *University of New South Wales*, *University of Torino*, *Universitat Autònoma de*

Barcelona, University of Surrey, Wageningen University, University of Salzburg, The Arctic University of Norway

Served as annual reviewer for the SCIDROW II project of the *Social Complexity of Immigration and Diversity Institute, University of Manchester, 2012*

Publications

Monographs

- 1) Simulazione sociale. Modelli ad agenti nell'indagine sociologica, Carocci, Roma, 2008
- 2) Agent-Based Computational Sociology, Wiley-Blackwell, Oxford, UK, 2012

Edited Books

- 1) (co-editor Giuliana Gemelli) NEHS/Nessi. Istituzioni, mappe cognitive e culture del progetto tra ingegneria e scienze umane, Baskerville, Bologna, Italy, 2003
- 2) (co-editor Mauro Lombardi) Saggi di economia evolutiva, Collana CIRIEC FrancoAngeli, Milan, 2005
- 3) Epistemological Aspects of Computer Simulation in the Social Sciences. Second International Workshop EPOS 2006, Brescia, Italy, October 5-6, 2006, Revised Selected and Invited Papers, LNAI Book Series, Springer Verlag, Berlin Heidelberg, 2009 (see the book review by Roy Wilson on the Journal of Artificial Societies and Social Simulation, Volume 12, Issue 4, 2009)
- 4) (co-editors Fabio Baronio, Claudia Archetti and Marco Castellani) Proceedings of the European Conference on Modelling and Simulation, ECMS (2014)

Journal Articles

- 1) Interscienza e progetto istituzionale: riflessioni sul Santa Fe Institute, in Enrico Lorenzini and Giuliana Gemelli (Eds.) "Ingegneria e scienze umane: verso una nuova alleanza", *INARCOS. Rivista di ingegneria e architettura*, LV, 611, 2000, pp. 416-423
- 2) (co-author Giuliana Gemelli) Interscienza e scienziati sociali, *Intersezioni. Rivista di storia delle idee*, XX, 2, 2000, pp. 261-262
- 3) Norbert Elias: verso una sociologia morfogenetica e processuale, in *Intersezioni. Rivista di storia delle idee*, XX, 2, 2000, pp. 285-296
- 4) (co-author Riccardo Boero) Economic Performance, Inter-Firm Relations and Local Institutional Engineering in a Computational Prototype of Industrial Districts, *Journal of Artificial Societies and Social Simulation*, vol. 5, Issue 1, 2002
- 5) (co-author Giuliana Gemelli) Informatica ed elettronica negli anni Sessanta. Il ruolo di Roberto Olivetti attraverso l'archivio storico della Società Olivetti, *Le carte della storia*, 2, 2003
- 6) (co-author Riccardo Boero) Adattamento tecnologico, relazioni fra imprese e istituzioni di supporto nei distretti industriali. Un modello di simulazione basata su agenti, *L'industria. Rivista di politica industriale*, 1, 2004, pp. 99-124
- 7) (co-authors Riccardo Boero and Marco Castellani) La sociologia figurazionale tradotta in un modello ad agenti, *Sistemi Intelligenti*, XVI, 1, 2004, pp. 7-27
- 8) (co-authors Riccardo Boero and Marco Castellani) Micro Behavioural Attitudes and Macro Technological Adaptation in Industrial Districts. An Agent-Based Prototype, *Journal of Artificial Societies and Social Simulation*, Vol. 7, Issue 1, 2004
- 9) (co-author Riccardo Boero), Proximity Relations, Partnership Structure and Supporting Institutions in an Agent-Based Model of an Industrial District Prototype, *E-JEMED-Electronic Journal of Evolutionary Modelling and Economic Dynamics*, 2
- 10) (co-authors Riccardo Boero and Marco Castellani) Interazioni e adattamento con differenti strutturazioni del contesto, *Sistemi Intelligenti*, XVII, 1, 2005, pp. 59-74 [download the computational code]
- 11) (co-author Riccardo Boero) Does the Empirical Embeddedness Matter? Methodological Issues on Agent-Based Models for Analytical Social Science, Special Issue on

- Epistemological Perspectives on Simulation, *Journal of Artificial Societies and Social Simulation*, 8, 4, 2005
- 12) (co-authors Riccardo Boero and Marco Castellani) Individual behavior and macro social properties. An agent based model, *Computational and Mathematical Organization Theory*, 2, pp. 156-174, 2008
 - 13) The Micro-Macro Link in Social Simulation, *Sociologica*, 1, 2008. DOI: 10.2383/26578
 - 14) A (Computational) Social Science Perspective to Societal Transitions, in *Computational and Mathematical Organization Theory*, Special Issue on "Computational and Mathematical Approaches to Societal Transitions", *Computational and Mathematical Organization Theory*, 4, 2008, pp. 266-282
 - 15) (co-authors Jos Timmermans and Hans de Haan) Computational and Mathematical Approaches to Societal Transitions, in *Computational and Mathematical Organization Theory*, Special Issue on "Computational and Mathematical Approaches to Societal Transitions", *Computational and Mathematical Organization Theory* 4, 2008, pp. 391-414
 - 16) Local Economic Development Initiatives from the Bottom-Up: The Role of Community Development Corporations, *Community Development Journal*, 44, 4, 2009, pp. 500-514
 - 17) Social Entrepreneurship and Economic Development in Silicon Valley: A Case-Study on The Joint-Venture: Silicon Valley Network, *Nonprofit and Voluntary Sector Quarterly*, 38, 5, 2009, pp. 869-883
 - 18) (co-author Giancarlo Provasi) L'innovazione nelle media imprese bresciane. Un'indagine empirica, *L'Industria. Rivista di politica industriale*, 1, 2009, pp. 149-178
 - 19) (co-authors Riccardo Boero, Giangiacomo Bravo and Marco Castellani) Reputational Cues in Repeated Trust Games, *Journal of Socio-Economics*, 38, 2009, pp. 871-877
 - 20) The Challenge of Social Simulation: An Introduction to the Special Issue, Special Issue on Social Simulation, *Mind & Society*, 8, 2, 2009, pp. 131-134 [Guest Editor]
 - 21) (co-authors Riccardo Boero, Giangiacomo Bravo, Marco Castellani, Francesco Laganà) La reputazione come vettore di fiducia nei sistemi socio-economici. Alcuni risultati sperimentali, *Stato e Mercato*, 2, 2009, pp. 263-294
 - 22) (co-authors Riccardo Boero, Giangiacomo Bravo, Marco Castellani and Francesco Laganà) Pillars of Trust: An Experimental Study on Reputation and Its Effects, *Sociological Research Online*, Volume 14, Issue 5, 2009
 - 23) (co-authors Boero R., Bravo G, Castellani M.) Why Bother with What Others Tell You? An Experimental Data-Driven Agent-Based Model, *Journal of Artificial Societies and Social Simulation* 13 (3) 6, 2010
 - 24) The Impact of Agent-Based Models in the Social Sciences after 15 Years of Incursions, *History of Economic Ideas*, 2, 2010, pp. 197-233
 - 25) Peering into Peer Review, *Sociologica*, 4, 3, 2010, Doi: 10.2383/33640
 - 26) (co-author Károly Takács) Social Simulation that 'Peers into Peer Review', *Journal of Artificial Societies and Social Simulation*, 14(4), 3, 2011: <<http://jasss.soc.surrey.ac.uk/14/4/3.html>>
 - 27) (co-author Marco Castellani) Media e crisi economica: "instrumentum diaboli" o guardiani del faro?, *Rassegna Italiana di Sociologia*, 2011, LII, 4, pp. 547-570
 - 28) (co-author Claudio Gandelli) Saint Matthew Strikes Again. An Agent-Based Model of Peer Review and the Scientific Community Structure, *Journal of Informetrics*, 2012, 6, 2, pp. 265-275
 - 29) (co-authors Giangiacomo Bravo and Riccardo Boero) Trust and Partner Selection in Social Networks: An Experimentally Grounded Model, *Social Networks*, 2012, 34(4), pp. 481-492.
 - 30) (co-authors Giancarlo Provasi and Beatrice Tosio) Did They Sell Their Soul to the Devil? Some Comparative Case-Studies on Academic Entrepreneurs in the Life Science in Europe, *Higher Education*, 2012, 64(6), pp. 805-829
 - 31) (co-authors Niccolò Casnici, Giangiacomo Bravo, Marco Castellani), Cooperazione, fiducia e differenze di genere: un'indagine cross-metodologica, *Rassegna Italiana di Sociologia*, 4, 2012, 573-600
 - 32) (co-author Claudio Gandelli) Peer Review Under the Microscope. An Agent-Based Model of Scientific Collaboration, *IEEE Proceedings of the Winter Simulation Conference*, C. Laroque, J. Himmelspach, R. Pasupathy, O. Rose, and A.M. Uhrmacher (eds), (2012)
 - 33) (co-authors Giangiacomo Bravo and Károly Takács) Does Incentive Provision Increase the Quality of Peer Review? An Experimental Study, *Research Policy*, 2013, 42(1), pp. 287-294

- 34) (co-author Niccolò Casnici) Is Social Simulation a Social Science Outstation? A Bibliometric Analysis of the JASSS Impact, *Journal of Artificial Societies and Social Simulation*, 16(1) 10, 2013 : < <http://jasss.soc.surrey.ac.uk/16/1/10.html>>
- 35) (co-author Claudio Gandelli) Opening the Black Box of Peer Review: An Agent-Based Model of Scientist Behaviour, *Journal of Artificial Societies and Social Simulation*, 16(2), 2013
- 36) (co-author Roberto Casarin) Being on the field when the game is still under way. The financial press and stock markets in times of crisis, *PLoS ONE* 8(7), 2013: e67721. doi:10.1371/journal.pone.0067721:
<<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0067721>>
- 37) (co-author Giangiacomo Bravo) Exit, Punishment and Rewards in Commons Dilemmas: An Experimental Study, *PLoS ONE* 8(8), 2013: e69871. doi:10.1371/journal.pone.0069871:
<<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0069871>>
- 38) Embedded, scattered, confused minds: what do hyper-conductive markets impose on investors' social intelligence, *Sociologica*, 7, 2, 2013, DOI:10.2383/74853
- 39) (co-author Bruce Edmonds) Symposium Issue on Social Simulation: An Introduction, *Social Science Computer Review*, 2014 32(3)
- 40) (co-author Wander Jager and Bruce Edmonds) Social Simulation in the Social Sciences: A Brief Overview, *Social Science Computer Review*, 2014 32(3), pp. 279-294
- 41) A Social Science-Inspired, Complexity Policy: Beyond the Mantra of Incentivization, *Complexity*, 2014, 16, 6, pp. 5-13
- 42) Sulla cagionevole razionalità degli investitori in epoca di mercati iperconduttivi, *Sistemi Intelligenti*, 26, 1, pp. 198-202

Book Chapters

- 1) (co-author Giuliana Gemelli) Introduzione, in (Eds) Giuliana Gemelli and Flaminio Squazzoni, NEHS/NESSI. Istituzioni, Cognitive Maps, and Project Cultures between Engineering and Human Sciences, Baskerville, Bologna, 2003, pp. 3-23
- 2) Interscienza e progetto istituzionale: riflessioni sul Santa Fe Institute, in (Eds) Giuliana Gemelli and Flaminio Squazzoni, NEHS/Nessi. Istituzioni, mappe cognitive e culture del progetto tra ingegneria e scienze umane, Baskerville, Bologna, 2003, pp. 95-123
- 3) La progettazione come processo euristico sperimentale e il ruolo degli strumenti tecnologici nelle organizzazioni complessi, in (Eds) Giuliana Gemelli and Flaminio Squazzoni, NEHS/Nessi. Istituzioni, mappe cognitive e culture del progetto tra ingegneria e scienze umane, Baskerville, Bologna, 2003, pp. 243-290
- 4) (co-author Giuliana Gemelli) Informatica ed elettronica negli anni sessanta. Il ruolo di Roberto Olivetti attraverso l'archivio storico della società Olivetti, in AA.VV., Politiche scientifiche e strategie d'impresa nella ricostruzione. Un confronto Francia- Italia, Mélanges de l'Ecole Française de Rome. Italie et Méditerranée, Ecole Française de Rome, Tomo 115-2, Roma, pp. 679-714
- 5) (co-authors Riccardo Boero and Marco Castellani) Cognitive Identity and Social Reflexivity of the Industrial District Firms. Going beyond the "Complexity Effect" with an Agent-based Computational Prototype, in (Eds) Gabriela Lindemann, Daniel Modt, Mario Paolucci, Regulated Agent-Based Social Systems, Springer Verlag, Berlin Heidelberg, Germany, 2004, pp. 48-69
- 6) Nonprofit, capitale sociale e sviluppo economico: il caso della Coastal Enterprise Inc. nell'area del Maine, in (Ed) Giuliana Gemelli, Filantropi di ventura. Responsabilizzazione, rischio e riflessività dell'agire filantropico, Baskerville, Bologna, pp. 145-193
- 7) (co-authors Riccardo Boero and Marco Castellani) Labour Market, Entrepreneurship and Human Capital in Industrial Districts. An Agent-Based Prototype, in Leombruni R. and Richiardi M. (eds.), Industry and Labor Dynamics. The Agent-Based Computational Economics Approach, World Scientific, Singapore, 2004, pp. 332-349
- 8) L'ABCD dello sviluppo locale: le "community development corporations" come catalizzatori di sviluppo economico, in (Ed) Giancarlo Provasi, Lo sviluppo locale: una nuova frontiera per il nonprofit, Franco Angeli, Milano, pp. 105-135
- 9) Imprenditoria sociale e sviluppo economico a Silicon Valley: il caso del Joint Venture Silicon Valley Network, in (Ed) Giancarlo Provasi, Lo sviluppo locale: una nuova frontiera per il nonprofit, Franco Angeli, Milano, pp. 73-103

- 10) (co-author Riccardo Boero) Towards an Agent-Based Computational Sociology. Good Reasons to Strengthen Cross-Fertilization Between Complexity and Sociology, in (Ed) Stoneham P. M., *Advances in Sociology Research II*, Nova Science Publishers Inc., New York, USA, 2005, pp. 103-133
- 11) (co-author Mauro Lombardi) La tradizione di ricerca dell'economia evolutiva, in *Saggi di economia evolutiva*, FrancoAngeli, Milano, pp. 11-58
- 12) I modelli ad agenti come strumenti di analisi sociologica, in AIS (Associazione Italiana di Sociologia), *Giovani Sociologi 2004*, FrancoAngeli, 2005, pp. 192-206
- 13) (co-authors Riccardo Boero and Marco Castellani) Processi cognitivi e studio delle proprietà emergenti nei modelli ad agenti, in (a cura di) Pietro Terna, Riccardo Boero, Matteo Morini e Michele Sonnessa, *Simulazione, modelli ad agenti e scienze sociali*, il Mulino, Bologna, 2005, pp. 67-81
- 14) Does Cognition (Really and Always) Matter? The Vexata Quaestio of the Micro-Foundations of Agent-Based Models from a Sociological Viewpoint, in F. Amblard (Ed.), *Interdisciplinary Approaches to the Simulation of Social Phenomena. Proceedings of the Fourth Conference of the European Social Simulation Association*, IRIT Editions, Toulouse, 2007, pp. 543-556.
- 15) (co-authors Riccardo Leoni, Annalisa Cristini, Eleonora Bazzana and Alessandro Gaj) Le rappresentanze sindacali d'impresa tra innovazioni organizzative e coinvolgimento dei lavoratori. Risultati dell'indagine 2003 nelle RSU degli stabilimenti industriali della provincia di Bergamo, in Albertini S. and Leoni R. (Eds.), *Innovazioni organizzative e pratiche di lavoro nelle imprese industriali del Nord*, FrancoAngeli, Milano, 2009, pp. 155-222.
- 16) (co-authors Ulrich Frank and Klaus G. Troitzsch) EPOS-Epistemological Perspectives on Simulation. An Introduction, in Squazzoni F. (Ed), *Epistemological Aspects of Computer Simulation in the Social Sciences. Second International Workshop EPOS 2006*, Brescia, Italy, October 5-6, 2006, Revised Selected and Invited Papers, LNAI Book Series, Springer Verlag, Berlin Heidelberg, 2009, pp.1-11
- 17) (co-author Riccardo Boero) Complexity-Friendly Policy Modelling, in Arhweiler P. (Ed), *Innovation in Complex Social Systems*, Routledge, London, 2010, pp. 290-299
- 18) (co-author Riccardo Boero) Agentenbasierte Modelle in der Soziologie. Über die Integration von Empirie und Modellierung, in Kron T., Grund T. (Eds.), *Verlag für Sozialwissenschaften*, Wiesbaden, 2010, pp. 245-267.
- 19) (co-authors Giancarlo Provasi and Beatrice Tosio) Gli imprenditori accademici alla frontiera delle bio-scienze in Europa, in Lissoni F. (ed.) *Imprenditoria accademica e scienze imprenditoriali: un'analisi multi-disciplinare*, Carocci, Roma, 2011
- 20) *Primum simulare, deinde philosophari*. Sugli effetti terapeutici della simulazione sociale per la sociologia, in Faro S., Lettieri N., Tartaglia Polcini, A. (eds.), *Diritto e tecnologie. Verso le scienze computazionali*, Edizioni Scientifiche Italiane, Napoli, 2011
- 21) (co-authors Giangiacomo Bravo, Marco Castellani and Károly Takács) Employer networks, priming, and discrimination in hiring: An experiment, In Manzo G. (Ed), *Analytical Sociology: Norms, Action and Networks*, Wiley and Sons, Hoboken, NJ, 2014
- 22) The "Reign of Mistery": Have We Missed Something Crucial in Our Experimental and Computational Work on Social Norms? In Xenitidou M. and Edmonds B. (Eds.), *The Complexity of Social Norms*, Springer Verlag, Heidelberg, 2014
- 23) (co-authors Juan Cabota and Francisco Grimaldo) Do Editors Have Silver Bullets? An Agent-Based Models of Peer Review. In Squazzoni F., Baronio F., Archetti C. and Castellani M. (eds.), *Proceedings of the European Conference on Modelling and Simulation 2014*, ECMS.

Book Reviews

- 1) Review of Reputation in Artificial Societies: Social Beliefs for Social Order, *Journal of Artificial Societies and Social Simulation*, Volume 7, Issue 3, 2004
- 2) Review of Technological Evolution of Industrial Districts, *Journal of Evolutionary Economics*, 15, 2005, pp. 467-470
- 3) Review of Dissecting the Social: On The Principles of Analytical Sociology, *Journal of Artificial Societies and Social Simulation*, Volume 9, Issue 2, 2006
- 4) Review of Computational and Mathematical Modeling in the Social Sciences, *Journal of Artificial Societies and Social Simulation*, Volume 10, Issue 2, 2007
- 5) Review of Joshua M. Epstein, *Generative Social Science. Studies in Agent-Based Computational Modeling*, *Sociologica*, 1, 2007

- 6) Review of Emergence: Contemporary Readings in Philosophy and Science, *Journal of Artificial Societies and Social Simulation*, Volume 11, Issue 4, 2008
- 7) (co-author Ahmadreza Asgharpour) Review of Social Structure by John Martin Levi, *Journal of Artificial Societies and Social Simulation*, Volume 13, Issue 1, 2010
- 8) Review of The Oxford Handbook of Analytical Sociology, *Journal of Artificial Societies and Social Simulation*, Volume 13, Issue 2, 2010
- 9) Review of Micro-Macro Links and Microfoundations in Sociology, *Sociologica*, 3, 2011
- 10) Review of Interface Focus-Theme Issue on Top-down causation, *Journal of Artificial Societies and Social Simulation*, Volume 15, Issue 4, 2012
- 11) Review of The Behavioral Foundations of Public Policy, *Journal of Artificial Societies and Social Simulation*, Volume 16, Issue 4, 2013
- 12) Review of Complexity and the Art of Public Policy: Solving Society's Problems from the Bottom up, *Journal of Artificial Societies and Social Simulation*, Volume 17, Issue 4, 2014

Conferences and Workshops

Keynotes

Workshop on "Computational and Mathematical Approaches to Societal Transitions", DRIFT (Dutch Research Institute for Transitions), Leiden, The Netherlands, 26 Feb-3 March 2007

Complex Interface Conference on "Complexity Science and Social Science at the Interface to the Real World Conference", Royal Society International Centre, North Buckinghamshire 24-25 September 2012

Invited talks and lectures

International Conference on Innovation in Complex Social Systems, University College of Dublin, 10-12 December 2008

Workshop on "The Virtues of Gossip", CNR, Rome, 12 January 2010

SIKS Advanced Course on Agent-Based Simulation, Utrecht University, 21-22 February 2011

The Second ESSA Summer School, University of Surrey, UK, 18-22 July 2011

Workshop in Complexity and Simulation, University of Turin, 27-29 October 2011

Laboratory for Socio-Historical Dynamics Simulation Inaugural Lecture, Universitat Autònoma de Barcelona, 21 February 2012

Non-Equilibrium Social Science Grand Challenges Workshop, Bruxelles, 29-30 March 2012

The Third ESSA Summer School, University of Toulouse, France, 2-6 July 2012

Conference on "Systemic Risk: Economists Meet Neuroscientists", FIAS-Frankfurt Institute for Advanced Studies, 17-18 September 2012

"Opening the Black Box of Peer Review: Experimental and Computational Analysis", Quantitative Sociology Colloquium, ETH Zurich, 6 November 2012

"Agent-based computational sociology", Invited lecture, University of Bath, 28 November 2012

"Opening the Black Box of Peer Review: An Agent-Based Model of Scientist Behaviour", Invited Management and Organization Research seminar, Institute of Management, University of Lugano, 28 February 2013

"When Competition is Pushed Too Hard. An Agent-Based Model of Strategic Behaviour of Referees in Peer Review", Invited Seminar at RECENS (Research Centre in Education and Network Studies), Academy of Sciences, Budapest, 7th May 2013

Invited lecture at The Fourth ESSA Summer School, University of Hamburg, 15-19 July 2013

"A Plea for Modelling in Social Research", Linnaeus University, Vajxo, 9th June 2014

"Peering into Peer Review with Agent-Based Models", University of Bayreuth, 11th June 2014

Paper Presentations

1. "Engineering of Techno-Scientific Languages", Conference on "Engineering and Human Sciences: Cognitive Maps and Institutional Geographies", Accademia delle Scienze, Bologna, Italy, September 2000
2. (with Riccardo Boero) "Inter-Organizational Structure and Technological Behaviour of an Industrial District", Workshop on "Systems, Governance and Knowledge in Firm Networks", Padua University, Italy, May 2001
3. (with Riccardo Boero) "Inter-Organizational Structure and Technological Behaviour of an Industrial District. An Agent-Based Computational Model", WEHIA 2001 (Workshop on Economics with Heterogeneous Interacting Agents), MERIT, University of Maastricht, The Netherlands, June 2001
4. (with Riccardo Boero) "At the Edge of Coordination and Variety. An Agent-Based Computational Model of Industrial District", Conference on "The Future of Innovation Studies", ECIS, University of Eindhoven, The Netherlands, September 2001
5. (with Riccardo Boero) "A Computational Prototype of Industrial District", Workshop on "Simulation and Industrial Districts", Department of Economic Sciences, University of Turin, Italy, October 2001
6. (with Riccardo Boero) "A Computational Prototype of Industrial District", Workshop on "Complexity and Industrial Districts", University of Modena–Reggio Emilia, Italy, December 2001
7. (with Riccardo Boero) "A Computational Prototype of Industrial District", Cespri, Bocconi University, Milan, Italy, December 2001
8. "The Organizational Phenomenon: Incorporating Complexity and Designing through Experimental Heuristics", Workshop on "Environment as a Meeting Space for Engineering and Human Sciences", Department of Historical Sciences, University of Bologna, Italy, February 2002
9. (with Giuliana Gemelli) "Computer Sciences and Electronics in the Sixties. The Role of Roberto Olivetti", Conference on "Scientific Policies and Firms' Strategies during the Reconstruction Phase. A Comparison between France and Italy", Bologna, Italy, June 2002
10. (with Riccardo Boero and Marco Castellani) "Growing Behavioural Attitudes, Reflexive Typification of Social Contexts and Technological Change in a Computational Industrial District", 8th International Conference of the Society for Computational Economics on "Computing in Economics and Finance", Aix-en-Provence, France, June 2002
11. (with Riccardo Boero and Marco Castellani) "Cognitive Identity and Social Reflexivity of the Industrial District Firms. Going beyond the "Complexity Effect" with an Agent-based Computational Prototype", RASTA 2002, International Workshop on Regulated Agent-Based Social Systems: Theories and Applications, University of Bologna, Italy, July 2002
12. "The Districtualisation of Firms as a Cognitive Process. Simulation of an Industrial District through an Agent-Based Computational Prototype", First National Congress of AISC (Italian Association of Cognitive Sciences), "The State of Art of Cognitive Sciences in Italy", Rovereto, Italy, September 2002
13. (with Riccardo Boero and Marco Castellani) "Micro Behavioural Attitudes and Macro Technological Adaptation in Industrial Districts. An Agent-Based Simulation of a Prototype", EMAEE 2003 Conference on "The Knowledge-Based Economies. New Challenges in Methodology, Theory and Policy", University of Augsburg, April 2003
14. (with Riccardo Boero and Marco Castellani) "Labour Market, Entrepreneurship and Human Capital in Industrial Districts. An Agent-Based Prototype", Wild@Ace Workshop on Industry and Labour Dynamics. The Agent-Based Computational Economics Approach, Turin, Italy, October 2003
15. (with Riccardo Boero and Marco Castellani) "Systemic and Cognitive Interdependencies. An Agent-Based Model", Second National Congress of AISC (Italian Association of Cognitive Sciences) on "Labour and Cognitive Sciences: Environment, Technology and Activities", Ivrea, Italy, March 2004
16. (co-author Riccardo Boero) "A Taxonomy of Agent-Based Models in Social Sciences and the Quest of Empirical Validations", EPOS 2004 Workshop (Epistemological Perspectives on Simulation), University of Koblenz, Germany, 1-2 July 2004
17. (with Riccardo Boero) Talk on "Agent-Based Models of Industrial Clusters: Some Past Experiences", Workshop on "Industrial Clusters as Complex Systems: Theory, Models and Tools", Thematic Institute on "Complexity and Innovation", Working Group II "Regional Innovation Systems and Complexity", Vienna, September 7, 2004

18. "Agent-Based Models as Analytical Tools for Sociology", II Young Scholars in Sociology FORUM, AIS (Italian Sociology Association), University of Naples, Italy, 7-9 October 2004
19. "Complexity and Simulation Models for Industrial Districts Analysis", Department of Economics Seminars, University of Milano-Bicocca, 11 May 2005
20. "New Perspectives on Local Development: Beyond Traditional Vision and Traps", Conference on "Third Sector: Democratic Participation, Market Economy and Local Institutions", Round Table on "Economy and Market: Just Profit? Scenarios and Perspectives", Third Sector Valle Camonica Forum, Boario, Brescia, November 2005.
21. "The Relevance of Empirical Foundations of Agent-Based Simulations in the Social Sciences" (co-author Riccardo Boero), EMAEE 2007 Conference on "Globalisation, Services and Innovation: The Changing Dynamics of the Knowledge Economy", Manchester Metropolitan University, UK, 17-19 May 2007
22. "Does Cognition (Really and Always) Matter? The Vexata Quaestio of the Micro-Foundations of Agent-Based Models from a Sociological Viewpoint", The Fourth Conference of the European Social Simulation Association, ESSA 2007, Toulouse University of Social Sciences, France, 10-14 September 2007
23. "Reputational Cues in Repeated Trust Games" (co-authored with Riccardo Boero, Giangiacomo Bravo and Marco Castellani) at The 38th World Congress of International Institute of Sociology, Central European University, Budapest, 26-20 June 2008
24. "Why Bother With What Others Tell You? An Experimentally Driven Social Simulation Model" (co-authored with Riccardo Boero, Giangiacomo Bravo and Marco Castellani) at The 5th European Social Simulation Association Conference, University of Brescia, Brescia, 1-5 September 2008.
25. "Why Bother With What Others Tell You? An Experimentally Driven Social Simulation Model" (co-authored with Riccardo Boero, Giangiacomo Bravo and Marco Castellani) at The ICORE-The First International Conference on Reputation: Theory and Technology, Gargonza, Italy, 18-20 March 2009.
26. "Third Party Reputation in Repeated Trust Games" (co-authored with Riccardo Boero, Giangiacomo Bravo, Francesco Laganà and Marco Castellani) at The ICORE-The First International Conference on Reputation: Theory and Technology, Gargonza, Italy, 18-20 March 2009.
27. "Academic Entrepreneurs at the Edge of Science and Technology in the Life Sciences: Some Comparative Case-Studies in Europe" (co-authors Giancarlo Provasi and Beatrice Tosio) at the International Conference on Academic Entrepreneurship and Entrepreneurial Science: A Multi-disciplinary Analysis", University of Brescia, Italy, 9-10 June 2009
28. "Victims of Microscopicness: The Added Value of Social Simulation Models for Analytical Sociology" at The International Workshop on "Mechanisms and Analytical Sociology", Torino, Italy, 15-16 June 2009
29. "An Experimental Data-Driven Social Simulation Model on Trust" (co-authors Riccardo Boero and Giangiacomo Bravo) at the Sixth Conference of ESSA, University of Surrey, Guilford, UK, 14-18 September 2009
30. "Why Bother With What Others Tell You? An Experimentally Driven Social Simulation Model" (co-authored with Riccardo Boero, Giangiacomo Bravo and Marco Castellani), at the SwarmFest 2010, Santa Fe, New Mexico, USA, 20-22 June 2010
31. "Experimentally Grounded Social Simulation" (tutorial, co-author Giangiacomo Bravo) at the WCSS-World Congress on Social Simulation, University of Kassel, Germany, 6-9 September 2010
32. "Referral Networks and Discrimination" (co-authored with Karoly Takacs and Giangiacomo Bravo) at "Analytical Sociology at Work" The Fourth Conference of ENAS- The European Network of Analytical Sociologists, Sorbonne University, Paris, France, 9-10 June 2011
33. "Does Incentive Provision Increase the Quality of Peer Review? A Game Theory Experimental Study" (co-authored with Karoly Takacs and Giangiacomo Bravo), International Workshop on Game Theory and Society: Models of Social Interaction in Sociological Research, ETH Zurich, 27-30 July 2011
34. "Does Incentive Provision Increase the Quality of Peer Review? An Experimental Study" (co-authored with Karoly Takacs and Giangiacomo Bravo) at the Third ICORE Conference on Reputation, Society, Economy and Trust, Agropolis International, Montpellier, 19 September 2011

35. "The Aspiration and Assertiveness Traps of Employment" (co-authored with Karoly Takacs and Claudio Gandelli) at the Seventh ESSA Conference, Agropolis International, Montpellier, 20-23 September 2011
36. "Peering into Reviewers' Reliability and Reviewing Effort's Distribution through Agent-Based Models" (co-authored with Claudio Gandelli) at the Seventh ESSA Conference, Agropolis International, Montpellier, 20-23 September 2011
37. "Why Peer Evaluation is Neglected in Organisations? An Experimental Study on Reputation", University of Brescia Symposium, Nottingham Trent Business School, Nottingham, 24 November 2011
38. "Opening the Black Box of Referee Behaviour: An Agent-Based Model of Peer Review (co-authored with Claudio Gandelli) ECMS 2012, University of Koblenz-Landau, 29 May-1st June 2012
39. "Intermediaries in Trust: An Experimental Study on Incentives and Norms" (co-authored with Giangiacomo Bravo and Karoly Takacs), INAS Conference on Analytical Sociology, Columbia University, New York, 8-9 June 2012
40. "Intermediaries in Trust: An Experimental Study on Incentives and Norms" (co-authored with Giangiacomo Bravo and Karoly Takacs), ASA 2012 Annual Meeting, Denver, 17-20 August 2012
41. "Peer Review Under the Microscope: An Agent-Based Model of Scientific Collaboration" (co-authored with Claudio Gandelli), ESSA Social Simulation Conference, University of Salzburg, 10-14 September 2012
42. "Being in the field when the game is under way. Financial Press and Stock Markets in Times of Crisis" (co-authored with Roberto Casarin), "Embeddedness and Beyond: Do Sociological Theories Meet Economic Realities" International Conference, National Research University, Moscow, 25-28 October 2012
43. (co-authored with Giangiacomo Bravo) "Cooperation inducing network dynamics: An experimentally grounded agent-based model", NET 2012 International Workshop on Network Models in Statistics, Economics and Social Sciences, University of Trento, 8-9 November 2012
44. "Exit, punishment and rewards in commons dilemmas: An experimental study" (co-authored with Giangiacomo Bravo), Design and Dynamics of Institutions for Collective Action, Utrecht University, 29 November-1 December 2012
45. "Peer Review Under the Microscope: An Agent-Based Model of Scientific Collaboration" (co-authored with Claudio Gandelli), Winter Simulation Conference 2012, Berlin, 9-12 December 2012
46. "When competition is pushed too hard. An agent-based model of strategic behaviour of referees in peer review (co-authors Juan Bautista Cabotà, Francisco Grimaldo), ECMS 2013, University College of Alesund, Norway, 27-30 May 2013
47. "Decrypting financial markets through mass-collaboration: on-line networks of investors in periods of uncertainty" (co-authored with Niccolò Casnici, Roberto Casarin and Pierpaolo Dondio), 25th Annual Meeting of the Society for the Advancement of Socio-Economics, University of Milan, 27-29 June 2013
48. "Unpacking the social mechanisms of peer review: an agent-based model", 11th Conference of the European Sociology Association ESA 2013, University of Torino, 28-31 August 2013
49. "Do high status individuals like lowbrow cultural products? An experimental study" (co-authors Giangiacomo Bravo and Viviana Zenucchini), 11th Conference of the European Sociology Association ESA 2013, University of Torino, 28-31 August 2013
50. "Decrypting financial markets through mass-collaboration: on-line networks of investors in periods of uncertainty" (co-authored with Niccolò Casnici, Roberto Casarin and Pierpaolo Dondio), 11th Conference of the European Sociology Association ESA 2013, University of Torino, 28-31 August 2013
51. "Can Editors Compensate for the "Luck of the Reviewer Draw" Effect in Peer Review? An Agent-Based Model" (co-authors Juan Bautista Cabotà, Francisco Grimaldo), ESSA 2013, University of Warsaw, 16-20 September 2013
52. "Decrypting financial markets through mass-collaboration: on-line networks of investors in periods of uncertainty" (co-authored with Niccolò Casnici, Roberto Casarin and Pierpaolo Dondio), ECCS 2013 (European Conference on Complex Systems), Satellite on "Collective Behaviours and Networks", 19th September 2013

53. Do Editors Have Silver Bullets? An Agent-Based Models of Peer Review (co-authored with Juan Cabota and Francisco Grimaldo) The 28th Edition of the European Conference on Modelling and Simulation 2014, University of Brescia, 27-30 May 2014.