

## **Pier Luigi Sacco**

Born in Pescara on July 20, 1964.

### **MAIN CURRENT POSITIONS (SELECTION)**

Full Professor of Cultural Economics, IULM University, Milan.

Senior Researcher, metaLAB (at) Harvard, Cambridge MA.

Special Adviser of the EU Commissioner for Education and Culture, Bruxelles.

Director, IRVAPP (Institute for the Evaluation of Public Policies), Bruno Kessler Foundation, Trento.

### **OTHER CURRENT POSITIONS (SELECTION)**

Member, Ministerial Committee on Museums and Cultural Economics, MIBACT, Rome.

Member, Scientific Advisory Board, Europeana Foundation, Den Haag.

Member, International Ministerial Committee for Research and Innovation, Czech Republic, Prague.

Member, Scientific Board, Creative Georgia Governmental Committee, Tbilisi, Georgia.

Scientific Director, The Fund Raising School, AICCON, Forlì.

Op-ed contributor, Il Sole 24 Ore, daily editions, Domenica and Nòva supplements.

### **Relevant scientific experience: current state of the art and future lines of research.**

My scientific activity has always had cultural economics and policy as one of its main foci, with significant spinoffs on many different fields. My research output is mainly concentrated on cultural policy, but since my current research explores the structural relationship between cultural policies and all other kinds of policies such as health, environmental, social cohesion, educational, innovation policies, to name a few of the key ones, my scientific output is currently exploring a wide range of themes and techniques in the discipline. At the same time, I am regularly refereeing for top international journals on policy-related topics, not only in the cultural field.

In the cultural field, I am currently researching on the spillover effects of culture on diverse sectors such as health, innovation, social cohesion, environmental sustainability, and lifelong learning.

I have moreover extensive experience in the direction, coordination and evaluation of policy projects at various territorial scales and for various institutions such as international bodies, national governments, regional governments, city governments. I also have extensive experience in the direction of research institutes and University Departments.

## EDUCATION

BA in Economic and Social Disciplines (DES), Bocconi University, Milan, 1988 (110/110 e lode, publication honors; supervisor: Stefano Zamagni; co-supervisors: Mario Monti, Aldo Montesano).

Master of Arts in Economics, European University Institute, Fiesole, 1990 (supervisors: Robert Waldmann, Peter Hammond).

PhD in Economics, European University Institute, Fiesole, 1993 (supervisor: Alan Kirman).

Winner, "Giorgio Mortara" Scholarship, Bank of Italy, 1989. Winner, "Francesco Ferrara" Scholarship, Bank of Sicily, 1989 (non-opted).

## CAREER

Research Assistant, Bocconi University, Milan (1988-1991).

Assistant Professor of Economics, Faculty of Economics, University of Florence (1991-1998).

Associate Professor of Economic Policy (Environmental Policy), Faculty of Science II, University of Bologna at Ravenna (1998-2000).

Associate Professor of Economic Policy (Social and Cultural Policy), Faculty of Economics III, University of Bologna at Forlì (2000-2002).

Full professor of Cultural Economics and Policy, IUAV University Venice (2002-2010).

Full professor of Cultural Economics and Policy, IULM University Milan (2010-current).

## TEACHING EXPERIENCE (SELECTION)

Courses taught at the **University of Florence**: Economics of Arts and Culture (BA); Topics in Macroeconomics (BA); Topics in Microeconomics (BA); Topics in game Theory (BA, PhD).

Courses taught at the **University of Bologna**: Environmental Economics (BA); Environmental Economic Policy (BA); Economics 101 (BA); Macroeconomics (BA); Microeconomics (BA, MA); Economics of Development and of NGOs (BA); Cultural Economics (BA); Economics of NGOs and Social Enterprises (BA); Economics of Prosocial Behavior (BA); Analysis of Public Policies (BA); Economics of Institutions (BA); Microeconomics, Master in International Relations, **University of Bologna at Buenos Aires** (2000-02).

Courses taught at the **IUAV University, Venice**: Cultural Economics (BA, LM, PhD); Economics of the Arts (BA, LM); Economics of Performing Arts (BA); Cultural production (BA, LM); Cultural Policy (BA, LM); Economics of Fashion (BA); Evaluation of Cultural projects (MA).

Courses taught at the **IULM University, Milan**: Economics (BA); Economics of Arts and Culture (LM); Local Development and Creativity (BA); Analysis of Cultural Policies (LM); Cultural Marketing (BA); Cultural Wikinomics (LM); Behavioral Economics (LM); Economics of Brands (BA).

History of Economic thought, **Bocconi University, Milan** (1994-99).

Statistics; Econometrics; Macroeconomics, **Johns Hopkins University, Bologna Center** (1993-2001).

Business Economics, **Texas A&M University, Santa Chiara Study Abroad Center** (1995-96).

Applied Economics (Cultural Districts), **G. D'Annunzio University, Pescara-Chieti** (2003-08).

Environmental Economics; Economics of NGOs, **NETTUNO University, Rome** (1999-2001).

Economic Thought, **San Raffaele University, Milan** (2009-11).

Creative Industries, **University of Italian Switzerland (USI), Lugano** (2010-13).

Italy 2.0: Culture as a Source of Social and Economic Value; Evolutionary Foundations of Narrative and Fiction, and their Applications to Social Change, Innovation, and the Creative Economy, Faculty of Arts and Sciences, **Harvard University, Cambridge MA** (2015-16).

Cultural Economics, ETCAEH Master, **University of Nova Gorica** (2008-current).

Cultural Economics, **Trentino School of Management** (2003-08).

Cultural Economics, Master in Economics of NGOs, **Milan Bicocca University** (2006-07).

Cultural Economics, Master in Cultural Management, **Catholic University at Brescia** (2005-07).

Cultural Economics, Master in International Cultural Management, **University of Genoa** (2002-04).

## RESEARCH (SELECTION)

### Books

- 1) P.L. Sacco and Stefano Zamagni (eds.), *Complessità relazionale e comportamento economico. Materiali per un nuovo paradigma di razionalità*, Il Mulino, Bologna, 2002.
- 2) P.L. Sacco (ed.), *Guida al distretto artistico tecnologico ambientale*, Gli Ori/Arte Continua, Prato, 2002.
- 3) Osservatorio Impresa e Cultura (ed.), *La defiscalizzazione dell'investimento culturale. Il panorama italiano ed internazionale*, Sipi, Rome, 2002.
- 4) Osservatorio Impresa e Cultura (ed.), *Cultura e competitività. Per un nuovo agire imprenditoriale*, Rubbettino, Soveria Mannelli, 2003.
- 5) P.L. Sacco (ed.), *Cultura e creazione del valore. Processi formativi e nuovi modelli di sviluppo per le economie post-industriali*, Rubbettino, Soveria Mannelli, 2004.
- 6) Osservatorio Impresa e Cultura (ed.), *Impresa e arti visive. Dalla sponsorizzazione alla progettualità*, Ibis, Como, 2004.
- 7) P.L. Sacco, W. Santagata and M. Trimarchi (eds.), *L'arte contemporanea italiana nel mondo. Analisi e strumenti*, Skira, Milan, 2005.
- 8) P.L. Sacco (ed.), *Il fundraising per la cultura*, Meltemi, Rome, 2006.
- 9) P.L. Sacco and Stefano Zamagni (eds.), *Teoria economica e relazioni interpersonali*, Il Mulino, Bologna, 2006.
- 10) Alberto Masacci and Pier Luigi Sacco (eds.), *Il fundraising socio-sanitario*, Meltemi, Rome, 2006.
- 11) Stefano De Martin and Pier Luigi Sacco (eds.), *Il Cultural Planning: principi ed esperienze*, Carocci, Rome, 2006.
- 12) Pier Luigi Sacco (ed.), *Arte pubblica e periferie*, *Economia della Cultura* 15(3) [agosto], Il Mulino, Bologna, 2006.

- 13) (with Christian Caliendo), *Italia reloaded. Ripartire con la cultura*, Il Mulino, Bologna, 2011.
- 14) (with Guido Ferilli and Giorgio Tavano Blessi, eds.), *I distretti culturali evoluti*, Il Mulino, Bologna, 2013.

Papers on peer-reviewed journals with impact factor (selection)

- 1) "Projectual Vs. Adaptive Behavior: A Comment on Heiner", *Journal of Economic Behavior and Organization*, 18(1), 119-122, 1992.
- 2) "Optimal Control of an Input-Output System Via Demand Management", *Economics Letters*, 39(3), 269-273, 1992.
- 3) "Disequilibrium Dynamics With Naive Agents in an Overlapping Generations Model With Money", *Mathematical Social Sciences*, 26(2), 139-155, 1993.
- 4) "Can People Learn Rational Expectations? An 'Ecological' Approach", *Journal of Evolutionary Economics*, 4(1), 35-43, 1994.
- 5) (with Angelo Antoci) "A Public Contracting Evolutionary Game With Corruption", *Journal of Economics*, 61(2), 89-122, 1995.
- 6) (with Marco Sandri) "Evolutionary Selection of 'Chivalrous' Conventions in Coordination Games Without Common Expectations", *European Journal of Political Economy*, 11(4), 663-681, 1995.
- 7) "State-Contingent Representations, Strategic Market Games and Systematic Uncertainty", *Quality & Quantity*, 30(1), 101-113, 1996.
- 8) "Subjective Metaphysics and Learning From Experience: The Causal Psychology of Rational Choice", *Journal of Economic Psychology* 17(2), 221-244, 1996.
- 9) "Defeating the Gang: The social dynamics of compliance in a rake-off economy", *Journal of Mathematical Sociology*, 22(3), 221-262, 1997.
- 10) (with Carlo Scarpa) "Critical Mass Effect and Restructuring in the Transition Towards a Market Economy", *European Economic Review*, 44(3), 587-608, 2000.
- 11) (with Massimo Buscema), "Feed Forward Networks in Financial Predictions. The Future that Modifies the Present", *Expert Systems* 17(3), 149-170, 2000.
- 12) (with Massimiliano Landi) "Norms of Cooperation in a Game of Partnership", *Computational and Mathematical Organization Theory* 7(3), 233-266, 2001.
- 13) (with Angelo Antoci) "The emergence of deontological codes in public administration", *Journal of Mathematical Sociology* 26(4), 271-307, 2002.
- 14) (with Angelo Antoci and Carlo Scarpa) "Flexibility Choices and Oligopolistic Competition in an Evolutionary Environment", *Journal of Economic Dynamics and Control* 29(10), 1643-1671, 2005.
- 15) (with Angelo Antoci and Paolo Vanin), "Economic Growth and Social Poverty: The evolution of social participation", *Journal of Socio-Economics* 36(1), 128-143, 2007.
- 16) (with Angelo Antoci, Antonio Gay and Massimiliano Landi), "Global Analysis of an Expectations Augmented Evolutionary Dynamics", *Journal of Economic Dynamics and Control* 32(12), 3877-3894, 2008.
- 17) (with Angelo Antoci and Luca Zarri) "Endogenous preferences and private provision of public goods: A 'double critical mass' model", *Public Choice*, 135 (3-4), 257-276, 2008.
- 18) (with Domenico Menicucci) "Evolutionary Selection of Socially Sensitive Preferences in Random Matching Environments", *Journal of Mathematical Sociology* 33(4), 241-276, 2009.
- 19) (with Giorgio Tavano Blessi), "The Social Viability of Culture-Led Urban Transformation Processes: Evidence from the Bicocca District, Milan", *Urban Studies* 46(5-6), 1115-1135, 2009.
- 20) (with Enzo Grossi, Giorgio Tavano Blessi and Renata Cerutti), "The Impact of Culture on Individual Subjective Well-Being of Italian Population. An Exploratory Study", *Applied Research in Quality of Life* 6(4), 387-410, 2011.

- 21) (with Enzo Grossi, Giorgio Tavano Blessi and Massimo Buscema), "The Interaction between Culture, Health, and Psychological Well-Being: Data Mining from the Italian Culture and Well-Being Project", *Journal of Happiness Studies* 13(1), 129-148, 2012.
- 22) (with Ahmad Naimzada and Mauro Sodini) "Weath-sensitive Positional Competition as a Source of Dynamic Complexity in OLG Models", *Nonlinear Dynamics: Real World Applications* 14(1), 1-13, 2013.
- 23) (with Guido Ferilli, Giorgio Tavano Blessi and Massimiliano Nuccio) "Culture as an Engine of Local Development Processes: System-Wide Cultural Districts. I: Theory", *Growth and Change* 44(4), 555-570, 2013.
- 24) (with Guido Ferilli, Giorgio Tavano Blessi and Massimiliano Nuccio) "Culture as an Engine of Local Development Processes: System-Wide Cultural Districts. II: Prototype Cases", *Growth and Change* 44(4), 571-588, 2013.
- 25) (with Alessandro Crociata) "A Conceptual Regulatory Framework for the Design and Evaluation of Complex, Participative Cultural Planning Strategies", *International Journal of Urban and Regional Research* 35(5), 1688-1706, 2013.
- 26) (with Alberto Bucci and Giovanna Segre) "Smart Endogenous Growth: Cultural Capital and the Creative Use of Skills", *International Journal of Manpower* 35(1/2), 33-55, 2014.
- 27) (with Guido Ferilli and Giorgio Tavano Blessi) "Understanding Culture-led Local Development: A Critique of Alternative Theoretical Explanations", *Urban Studies* 51(13), 2806-2821, 2014.
- 28) (with Alessandro Crociata and Massimiliano Agovino) "Cultural Access and Mental Health: An Exploratory Study", *Social Indicators Research* 118, 219-233, 2014.
- 29) (with Emanuele Teti and Tecla Carlotta Galli), "Ephemeral Estimation of the Value of Art", *Empirical Studies of the Arts* 32(1), 75-92, 2014.
- 30) (with Massimo Buscema, Guido Ferilli, Marco Breda, and Enzo Grossi) "Analyzing the Semantics of Point Spaces Through the Topological Weighted Centroid and Other Mathematical Quantities: The Hidden Geometry of the Global Economic Order", *Computational Intelligence* 31, 532-567, 2015.
- 31) (with Domenico Menicucci) "Rawlsian Altruism with Perfect Discrimination Leads to Social Efficiency", *Journal of Mathematical Sociology*, 40(1), 53-69, 2016.
- 32) (with Massimo Buscema and Guido Ferilli) "Multidimensional Similarities at a Global Scale: An Approach to Mapping Open Society Orientations", *Social Indicators Research*, 128(3), 1239-1258, 2016.
- 33) (with Giorgio Tavano Blessi, Enzo Grossi, Giovanni Pieretti and Guido Ferilli), "The Contribution of Cultural Participation to Urban Well-being: A Comparative Study in Bolzano/Bozen and Siracusa, Italy", *Cities*, 50, 216-226, 2016.
- 34) (with Massimiliano Agovino and Alessandro Crociata), "Location matters for Pro-Environmental Behavior: A Spatial Markov Chains Approach to Proximity Effects in Differentiated Waste Collection", *Annals of Regional Science*, 56(1), 295-315, 2016.
- 35) (with Massimo Buscema) "MST Fitness Index and Implicit Data Narratives: A Comparative Test on Alternative Unsupervised Algorithms", *Physica A* 461, 726-746, 2016.
- 36) (with Massimiliano Agovino and Alessandro Crociata) "Neighborhood effects and pro-environmental behavior: The case of Italian separate waste collection", *Journal of Cleaner Production* 135, 80-89, 2016.
- 37) Review of The beautiful country: Tourism and the impossible state of destination Italy, *Annals of Tourism Research*, 58, 180-181, 2016.
- 38) (with Massimo Buscema, Guido Ferilli and Emanuele Teti) "Top corporate brands and the global structure of country brand positioning: An AutoCM ANN Approach", *Expert Systems with Applications* 66, 62-75, 2017.
- 39) (with Angelo Antoci, Alessandro Fiori Maccioni and Mauro Sodini) "Public Security vs. Private Self-Protection: Welfare-improving Taxation and the Social Dynamics of Fear", *Journal of Conflict Resolution*, 61(2), 349-371, 2017.

- 40) (with Guido Ferilli, Giorgio Tavano Blessi and Stefano Forbici), "Power to the People: When Culture Works as a Social Catalyst in Urban Regeneration Processes (And When It Doesn't)", *European Planning Studies*, 25(2), 241-258, 2017.
- 41) "The Essence of Smart Specialization: Local Economies as Computational Platforms", *Regional Studies* 51(5), 814-816, 2017.
- 42) (with Massimo Buscema and Guido Ferilli) "What Kind of 'World Order'? An Artificial Neural Networks Approach to Intensive Data Mining", *Technological Forecasting and Social Change* 117, 46-56, 2017.
- 43) (with Guido Ferilli and Christer Gustafsson), "Cognitive Keynesianism: Integrated Heritage Conservation as an Anti-Cyclic Policy: The Case of the Halland Region, Sweden", *Journal of Cultural Heritage*, forthcoming, 2017.
- 44) (with Massimiliano Agovino, Alessandro Crociata, Davide Quaglione, Alessandro Sarra) "Good taste tastes good. Cultural capital as a determinant of organic food purchase by Italian consumers: Evidence and policy implications", *Ecological Economics* 141, 66-75, 2017.
- 45) "Obesity as self-regulation failure: A 'disease of affluence' that selectively hits the less affluent?", *Behavioral and Brain Sciences* 40, e127, 2017.
- 46) (with Massimo Buscema) "Digging deeper on 'deep' learning: A computational ecology approach", *Behavioral and Brain Sciences* 40, e256, 2017.
- 47) (with Angelo Antoci and Paolo Russu) "Cultural ecologies of adaptive vs. maladaptive traits: A simple nonlinear model", *Communications in Nonlinear Science and Numerical Simulation*, 58, 92-106, 2018.
- 48) (with Massimo Buscema and Giulia Massini), "The Topological Weighted Centroid (TWC): A topological approach to the time-space structure of epidemic and pseudo-epidemic processes", *Physica A*, 492, 582-627, 2018.
- 49) (with Massimo Buscema and Guido Ferilli), "The meta-geography of the open society: An Auto-CM ANN approach", *Expert Systems with Applications* 99, 12-24, 2018.
- 50) (with Alberto Acerbi), "Folk economic beliefs as 'evidential fiction': Public the economic public discourse back on track", *Behavioral and Brain Sciences* 41, e159, 2018.
- 51) (with Massimo Buscema, Giulia Massini, Francesca della Torre, Massimo Brogi, Massimo Salonia, Guido Ferilli), "Unraveling the space grammar of terrorist attacks: A TWC approach", *Technological Forecasting and Social Change* 132, 230-254, 2018.
- 52) (with Angelo Antoci, Marcello Galeotti and Paolo Russu), "The cultural implications of growth: Modeling nonlinear interaction of trait selection and population dynamics", *Chaos* 28, 055906, 2018.
- 53) (with Massimo Buscema, Francesca della Torre, Giulia Massini, Marco Breda and Guido Ferilli), "Theory of impossible worlds: Toward a physics of information", *Chaos* 28, 055914, 2018.
- 54) (with Enrica Lemmi, Alessandro Crociata and Massimiliano Agovino), "The Lucca Comics and Games Festival as a platform for transformational cultural tourism: Evidence from the perceptions of residents", *Tourism Management Perspectives* 27, 162-173, 2018.
- 55) (with Guido Ferilli and Giorgio Tavano Blessi), "From Culture 1.0 to Culture 3.0: Three socio-technical regimes of social and economic value creation through culture, and their impact on European cohesion policies", *Sustainability* 10, 3923, 2018.
- 56) (with Maria Tartari, Guido Ferilli and Giorgio Tavano Blessi), "Gentrification as space domestication: The High Line Art case", *Urban Geography*, in press, 2018.
- 57) (with Enzo Grossi and Giorgio Tavano Blessi), "Magic moments: Determinants of stress relief and subjective wellbeing from visiting a cultural heritage site", *Culture, Medicine and Psychiatry*, in press, 2018.
- 58) (with Dorota Wiczek-Bialowolska and Piotr Bialowolski), "Involvement in the arts and participation in cultural events – Does personality moderate impact on well-being? Evidence from the UK Household Panel Survey", *Psychology of Aesthetics, Creativity and the Arts*, in press, 2018.

- 59) (with Massimiliano Agovino, Mariaconcetta Casaccia, Alessandro Crociata), "European Regional Development Fund and pro-environmental behaviour. The case of Italian separate waste collection". *Socio-Economic Planning Sciences*, in press, 2018.
- 60) (with Alessandro Crociata and Massimiliano Agovino), "Proximity effects in obesity rates in the US: A spatial Markov chains approach". *Social Science and Medicine*, in press, 2018.
- 61) (with Doris Sommer), "Optimism of the will: Antonio Gramsci takes in Max Weber". *Sustainability*, in press, 2019.

Papers on peer-reviewed journals without impact factor (selection)

- 62) "Arrow--Debreu Programs and the Explanation of Observed Economic Systems: A Counterexample Based on Reciprocity", *Indian Journal of Economics*, 72(284) [july], 1-8, 1991.
- 63) "Rationality and Stock Market Behavior: What Theoretical Framework (If Any)?", *International Economic Journal*, 5(4), 17-41, 1991.
- 64) "Adaptive Response and Cournotian Behavior. The Case of Linear demand With two Firms", *Economic Notes*, 20(3), 474-496, 1991.
- 65) "Homeostatic Vs. Active Policies in a Nonlinear Optimal Control Problem", *Metroeconomica*, 44(2), 169-187, 1993.
- 66) "Selection Mechanisms in Economics", *Behavioral Science*, 39(4), 311-325, 1994.
- 67) (con Angelo Antoci) "On Adjustment Dynamics Induced By Monetary Stabilization in a Non--Superneutral Model of a Small Open Economy", *Journal of International and Comparative Economics*, 3(4), 245-262, 1994.
- 68) (with Angelo Antoci) "Quality Patterns and Critical Mass Effects in an Evolutionary Game of Public Contracting", *Central European Journal of Operations Research and Economics* 3(3), 215-227, 1994-95.
- 69) "Coordinating Coordination Failures: Does Risk--Dominance Help?", *Economic Notes* 25(2), 369-392, 1996.
- 70) (with Massimo Morelli) "Game-Theoretic Definitions of Fairness and the Contractualistic Foundations of Justice", *Ricerche Economiche*, 51(4), 387-400, 1997.
- 71) (with Angelo Antoci and Carlo Scarpa) "Endogenous Partnership Formation in a Transitional Economy", *Economic Analysis. Journal of Enterprise and Participation* 1(2), 101-122, 1998.
- 72) (with Paolo Vanin), "Triangular Prisoner's Dilemma: A Computer Simulation Model of the Reciprocal Influence Between Social Structure and Individual Interaction", *Annals of Public and Cooperative Economics*, 71(2), 229-259, Oxford, 2000.
- 73) (with Angelo Antoci e Luca Zarri) "The 'Art City' as a Local Public Good: The Strategic Interplay between Private Donors and Arts Organizations", *Public Finance and Management*, 3(2), 263-290, 2003.
- 74) (with Angelo Antoci e Luca Zarri) "Coexistence of Strategies and Culturally-specific Common Knowledge: an Evolutionary Analysis", *Journal of Bioeconomics*, 6(2), 165-194, 2004.
- 75) (with Cesare Pietrojusti and Haynalka Somogyi), "The weak points of the general equivalent", *Rethinking Marxism* 17(3), 413-424, 2005.
- 76) (with Michele Viviani), "Corporate social responsibility: a critical methodological appraisal", *Finance and the Common Good/ Bien Commun* 23, 75-85, 2005-06.
- 77) (with Giorgio Tavano Blessi), "European culture capitals and local development strategies: Comparing the Genoa 2004 and Lille 2004 cases", *Homo Oeconomicus* 24(1), 111-141, 2007.
- 78) (with Angelo Antoci and Paolo Vanin), "Participation, Growth and Social Poverty: Social Capital in a Homogeneous Society", *Open Economics Journal* 1, 1-13, 2008.

- 79) (with Giorgio Tavano Blessi and Massimiliano Nuccio), "Culture as an Engine of Local Development Processes: System-Wide Cultural Districts", *Journal of Art Management, Law, and Society* 39(1), 45-64, 2009.
- 80) (with Giorgio Tavano Blessi and Thomas Pilati), "Independent Artist-run Centers: An Empirical Analysis of the Montreal Non-profit Visual Arts Field", *Cultural Trends* 20(2), 141-166, 2011.
- 81) (with Guido Ferilli and Massimo Buscema) "The Non-linear Relationship Between Scientific Production and National States' Journals", *Advances in Computer Science and Engineering* 9(1), 47-65, 2012.
- 82) (with Giorgio Tavano Blessi, Enzo Grossi, Giovanni Pieretti and Guido Ferilli) "Cultural Participation, Relational Goods and Individual Subjective Well-Being: Some Empirical Evidence", *Review of Economics and Finance* 1, 33-46, 2014.
- 83) (with Alessandro Crociata and Massimiliano Agovino) "Recycling Waste: Does Culture Matter?", *Journal of Behavioral and Experimental Economics* 55(1), 40-47, 2015.
- 84) (with Martha Friel) "Italian Foodies: Endogenous Growth Patterns towards 'Foodtainment' and Gourmandise", *International Journal of Cultural and Creative Industries* 2(2), 20-31, 2015.
- 85) (with Guido Ferilli, Massimo Buscema and Giorgio Tavano Blessi) "Understanding Cultural Geography as a Pseudo-Diffusion Process: The Case of the Veneto Region", *Economies* 3, 100-127, 2015.
- 86) (with Guido Ferilli and Kunihiro Noda) "Culture Driven Policies and Reevaluation of Local Cultural Assets: A Tale of Two Cities, Otaru and Yubari", *City, Culture and Society* 6, 135-143, 2015.
- 87) (with Massimiliano Agovino and Alessandro Crociata), "Cultural Factors for Household Recycling Behavior. A Case Study from Italy", *Rivista Internazionale di Scienze Sociali* 2015(2), 137-160.
- 88) (with Federico Quartieri) "A Note on Symmetry of All Nash Equilibria in Games with Increasing Best Replies", *Decisions in Economics and Finance* 39(1), 81-93, 2016.
- 89) (with Guido Ferilli and Giorgio Tavano Blessi), "Beyond the Rhetoric of Participation: New Challenges and Prospects for Inclusive Urban Regeneration", *City, Culture and Society* 7, 95-100, 2016.
- 90) (with Lorenza Lucchi Basili) "Tie-Up Cycles in Long-Term Mating. Part I: Theory", *Challenges* 7(1), 12, 2016.
- 91) (with Lorenza Lucchi Basili) "Tie-Up Cycles in Long-Term Mating. Part II: Fictional Narratives and the Social Cognition of Mating", *Challenges* 8(1), 6, 2017.
- 92) (with Guido Ferilli, Enzo Grossi and Giorgio Tavano Blessi) "Museum Environments, Visitors' Behaviour, and Well-Being: Beyond the Conventional Wisdom", *Museum Management and Curatorship* 32(1), 80-102, 2017.
- 93) (with Lorenza Lucchi Basili), "Princes charming are not all made equal. The social cognition of mating strategies in four classical fairy tales", *Cogent Psychology* 5, 1422678, 2018.
- 94) (with Lorenza Lucchi Basili), "Shakespeare in love: A fictional transliteration of the grammar of heterosexual mating", *Sage Open*, 9(1).

#### Papers on peer-reviewed edited books with an international profile (selection)

- 95) Discussion of M. Polo, "Internal Cohesion and Competition Among Criminal Organisations", in G. Fiorentini and S. Peltzman (eds.), *The economics of organized crime*, CEPR-Cambridge University Press, Cambridge, 109-115, 1995.
- 96) (with Stefano Zamagni), "An Evolutionary Dynamic Approach to Altruism", in F. Farina, F. Hahn and S. Vannucci (eds.), *Ethics, Rationality and Economic Behaviour*, Clarendon Press, Oxford, 265-300, aprile 1996.
- 97) Discussion of J. Bjornerstedt and J.W. Weibull, "Nash Equilibrium and Evolution by Imitation", in K.J. Arrow et al. (eds.), *The Rational Foundations of Economic Behaviour*, Macmillan, London, 172-181, 1996.



- 98) "On the Dynamics of Social Norms", in C. Bicchieri, R. Jeffrey and B. Skyrms (eds.), *The Dynamics of Norms*, Cambridge University Press, Cambridge, 47-65, 1997.
- 99) (with Carlo Scarpa) "Adoption of flexible technologies in an evolutionary environment", in P. Battigalli, A. Montesano e F. Panunzi (eds.), *Decisions, Games, and Markets*, Kluwer, Boston, 341-359 con erratum, 1997.
- 100) "Trust with endogenous transaction costs", in B. Bortolotti e G. Fiorentini (eds.), *Organized interests and self-regulation: An economic approach*, Oxford University Press, Oxford, 179-205, 1999.
- 101) (with Angelo Antoci and Marcello Galeotti), "Evolutionary selection of correlation mechanisms for coordination games", D. Delli Gatti, M. Gallegati and A. Kirman (eds.), *Market Structure, Aggregation and Heterogeneity*, Springer, Berlin, 225-234, 2000.
- 102) (with Angelo Antoci and Stefano Zamagni) "The ecology of altruistic motivations in triadic social environments", in L.-A. Gérard-Varet, S.-C. Kolm e J.M. Ythier (ed.), *The economics of reciprocity, giving and altruism*, Macmillan, London, 335-351, 2000.
- 103) (with Stefano Zamagni), "Provision of social services: Civil economy, cultural evolution and participatory development", in G. Mwabu, C. Ugaz and G. White (eds.), *Social Provision in Low Income Countries. New Patterns and Emerging Trends*, Oxford University Press, Oxford, 53-76, 2001.
- 104) Comment to D. Heymann, M. Kaufman, P. Sanguinetti, "Learning About Trends: Spending and Credit Fluctuations in Open Economies", in A. Leijonhufvud (ed.), *Monetary Theory as a Basis for Monetary Policy*, IEA-Palgrave, London, 204-210, 2001.
- 105) (with Angelo Antoci and Paolo Vanin), "On the Possible Conflict Between Economic Growth and Social Development", in B. Gui e R. Sugden (eds.), *Economics and Social Interaction. Accounting for Interpersonal Relations*, Cambridge University Press, Cambridge, 150-173, 2005.
- 106) (with Paolo Vanin and Stefano Zamagni), "The economics of human relationships", in S.C. Kolm and J.M. Ythier (eds.), *Handbook on the Economics of Giving, Reciprocity and Altruism. Volume I: Foundations*, North-Holland, Amsterdam, 695-730, 2006.
- 107) (with Guido Ferilli and Sabrina Pedrini), "System Wide Cultural Districts: An Introduction from the Italian Viewpoint", in S. Kagan and V. Kirchberg (eds.), *Sustainability: A New Frontier for the Arts and Cultures*, VAS Verlag, Frankfurt a.M., 400-460, 2008.
- 108) (with Giovanna Segre), "Creativity, cultural investment and local development: A new theoretical framework for endogenous growth", in U. Fratesi and L. Senn (eds.), *Growth and Innovation of Competitive Regions. The Role of Internal and External Connections*, Springer, Berlin, 281-294, 2009.
- 109) "The Cultural Economics of Quarters", in Simon Roodhouse, *Cultural Quarters*, second edition, Intellect, Bristol, 29-46, 2010.
- 110) (with Massimo Buscema), "Auto Contractive Maps, the H Function and the Maximally Regular Graph (MRG): A New Methodology for Data Mining", in V. Capecchi, M. Buscema, P. Contucci and B. D'Amore (eds.), *Applications of Mathematics in Models, Artificial Neural Networks and Arts. Mathematics and Society*, Springer, Berlin, 227-275, 2010.
- 111) (with Guido Ferilli and Giorgio Tavano), "Culture, Cities and Creative Hubs: From the Instrumental to the Functional Value of Culture in Contemporary Local Development", in L. Fusco Girard e P. Nijkamp, *Sustainable and Creative Cities*, Ashgate, Farnham, 2011.
- 112) "Venice, Reloaded? A Tale of Urban Life (and Death)", in H. Anheier e Y.R. Isar (eds.), *Cities, Cultural Policy and Governance*, Sage, London, 322-329, 2012.
- 113) (with Guido Ferilli and Giorgio Tavano Blessi) "Culture 3.0: A New Perspective for the EU Active Citizenship and Social and Economic Cohesion Policy", in *The Culture Component of Citizenship: An Inventory of Challenges*, European House for Culture, Bruxelles, 195-213, 2012.
- 114) (with Massimo Buscema, Marco Breda, Enzo Grossi, Luigi Catzola) "Semantics of Point Spaces Through the Topological Weighted Centroid and Other Mathematical Quantities: Theory and Applications", in W.J. Tastle (ed.), *Data Mining Applications Using Artificial Adaptive Systems*, Springer, Berlin, 75-139, 2013.

- 115) (with Massimo Buscema), "Optimal Information Sorting: The ACS-ULA Approach", in W.J. Tastle (ed.), *Data Mining Applications Using Artificial Adaptive Systems*, Springer, Berlin, 183-209, 2013.
- 116) (with Massimo Buscema), "GUACAMOLE: A New Paradigm for Unsupervised Competitive Learning", in W.J. Tastle (ed.), *Data Mining Applications Using Artificial Adaptive Systems*, Springer, Berlin, 211-230, 2013.
- 117) (with Massimo Buscema, Enzo Grossi and Weldon A. Lodwick) "Spatiotemporal Mining: A Systematic Approach to Discrete Diffusion Models for Time and Space Extrapolation", in W.J. Tastle (ed.), *Data Mining Applications Using Artificial Adaptive Systems*, Springer, Berlin, 231-275, 2013.
- 118) "Events as Creative District Generators? Beyond the Conventional Wisdom", in G.W. Richards (ed.), *The Sage Handbook of New Urban Studies*, Sage, London, chapter 17, 2017.
- 119) (with Guido Ferilli and Sendy Ghirardi) "The museum as a catalyst of social development: Best practices to engage the community". In A. Love and Y. Jung (eds.), *Applying systems thinking in museum management and organizations: Theory and practice*, Rowman & Littlefield, Lanham MD, chapter 13, 2017.

### Editorial boards

Senior Editor, *Cogent Social Sciences*, Taylor and Francis, London.  
 Associate Editor, *Journal of Urban Planning and Development*, ASCE, Reston VA.  
 Editorial board, *International Journal of Cultural and Creative Industry*, Tainan.  
 Editorial board, *Creative Industries Journal*, Routledge, London.  
 Editorial board, *Mind & Society*, Springer, Berlin.  
 Editorial Board, *Challenges*, MDPI, Basel.  
 Editorial Board, *Sci*, MDPI, Basel.  
 Advisory editor, *Quality & Quantity*, Springer, Berlin.  
 Editorial committee, *La nuova informazione bibliografica*, Il Mulino, Bologna.  
 Scientific committee, *Ragion Pratica*, Il Mulino, Bologna.  
 Scientific committee, *Economia della Cultura*, Il Mulino, Bologna.

### Guest editor

Special issue on Culture and wellbeing, *Economia della Cultura*, 2017.  
 Special issue of Cartaditalia on the European Year of Cultural Heritage 2018 (co-edition with the Institute of the Italian Encyclopedia and support from Bertelsmann Stiftung and the Google Cultural Institute, quadrilingual edition: English, French, German, Italian), 2017.  
 Special issue on Cultural Mapping, *City, Culture and Society*, 2017.  
 Special issue on Cultural Sustainability, *Sustainability*, forthcoming, 2019.

### Refereeing (selection)

Administration & Society; Annals of Public and Cooperative Economics; Buildings; Business and Society; Central European Journal of Operations Research; Challenges; Cities; City, Culture and Society; Communications in Nonlinear Science and Numerical Simulations; Creative Industries Journal; Cultural Trends; Ecological Economics; Economia e Politica Industriale; Economia Politica; Economic Analysis and Policy; Economic Notes; European Economic Review; European Journal of Political Economy; Expert Systems with Applications; Evaluation Review; Habitat International; International Economic Journal; International Journal of Arts Management; International Journal of Environmental Research and Public Health; International Journal of Game Theory; International Journal of Manpower; International Journal of Public Health; International Regional Science Review; Journal of Business Economics and Management; Journal of Business Research; Journal of Cleaner Production; Journal of Cultural

Economics; Journal of Economics; Journal of Economic Behavior and Organization; Journal of Economic Psychology; Journal of Environmental Economics and Management; Journal of Environmental Management; Journal of Evolutionary Economics; Journal of Happiness Studies; Journal of Marketing at Retail; Journal of Urban Planning and Development; Mathematical Methods in the Applied Sciences; *Metroeconomica*; *Mind and Society*; *Note Economiche*; *Papers in Regional Science*; *Physica A*; *Politica Economica*; *Qualitative Research*; *Quarterly Journal of Economics*; *Regional Studies*; *Review of Law and Economics*; *Resources, Conservation and Recycling*; *Ricerche Economiche/Research in Economics*; *Rivista AMASES*; *Rivista di Politica Economica*; *Rivista Internazionale di Scienze Economiche e Commerciali*; *Rivista Internazionale di Scienze Sociali*; *Rivista Italiana degli Economisti*; *Socio-Economic Planning Sciences*; *Structural Change and Economic Dynamics*; *Substance Use and Misuse*; *Sustainability*; *Sustainable Cities and Society*; *Technological Forecasting and Social Change*; *Thunderbird International Business Review*; *Tijdschrift voor Economische en Sociale Geografie*; *Urban Policy and Research*; *Urban Research and Practice*; *Urban Studies*.

## **UNIVERSITY/RESEARCH MANAGEMENT EXPERIENCE (SELECTION)**

Director, PhD Program in Communication, Marketing and Creativity, IULM University, Milan (2013-2018).

Scientific Director, Fondazione Campus Studi del Mediterraneo, Lucca (2013-2017).

Rector's Delegate for International Relations, IULM University, Milan (2010-18).

Dean, Faculty of Arts, Markets and Heritage, IULM University, Milan (2011-13).

Coordinator, Graduate Program in Arts, Heritage and Markets, IULM University, Milan (2010-11).

Director, Department of Arts and Industrial Design (DADI), IUAV University, Venice (2004-2008).

Deputy Rector for Communication and Publishing, IUAV University, Venice (2003-09).

Scientific Director, The Fund Raising School, AICCON/University of Bologna, Forlì (2002-current).

President, Graduate Program in Economics of Co-Operative Enterprises and Nonprofit Organizations, University of Bologna at Forlì (2000-02).

## **EUROPEAN PROGRAMS (SELECTION)**

### EU Projects

Unit Scientific Coordinator, *Equal Age Management* project (lead partner: Region of Veneto) (completed).

Scientific Director, Interreg IIIA Italia-Slovenia *DiCE* project (lead partner: Region of Veneto) (completed).

Steering Committee Member, Interreg IVC *Toolquix* project (lead partner: Region Nord-Pas de Calais) (completed).

Steering Committee Member, VII Framework Program Regions of Knowledge *SmartCulture* project (lead partner: Euratechnologies Lille) (completed).

Project Leader, COSME *Host* project (lead partner: Fondazione Campus Lucca) (completed).

Scientific Advisor, Creative Europe *Playing Identities* project (lead partner: University of Siena) (completed).

Scientific Advisor, Rights, Equality and Citizenship *Coalition of positive messengers to counter online hate speech* project (lead partner: Sofia Development Association Foundation) (ongoing).

Evaluator, POIN Italy 2007-2013 program.

#### Activities for the European Commission (selection)

Keynote Speaker, Open Method of Coordination Group on Creative Industries (2011).

Invited speaker, European Cultural Forum (2011).

Invited/Keynote speaker, EU Semester of Presidency Conferences of Spain (co-chairman, Barcelona, 2010), Poland (speaker, Wroclaw, 2011), Lithuania (keynote speaker, Vilnius, 2013), Greece (keynote speaker, Athens, 2014), Italy (keynote speaker, Rome, 2014), Latvia (keynote speaker, Riga, 2015), Netherlands (keynote speaker, Amsterdam, 2016), Estonia (keynote speaker, Tartu 2017), Bulgaria (keynote speaker, Varna, 2018), Austria (keynote speaker, Vienna, 2018).

Invited keynote speaker in various DG Education and Culture conferences (2013-current).

Invited keynote speaker in various DG Connect conferences (2015-current).

Scientific Consultant at the Joint Research Center for the Creative City Indicators project (2015-current).

Member of the working group of the STARTS project, DG Connect (2015-current).

Keynote Speaker, Open Method of Coordination Group on Participatory Governance (2015).

Member of the Structured Dialogue Group on Participatory Governance of Cultural Heritage (2015).

Keynote Speaker, European Reflection Group on Heritage (2015).

Special Adviser of the EU Commissioner for Education and Culture (2017-current).

#### Activities for the Council of Europe (selection)

Scientific Consultant, Culture and Democracy project (2013-current).

Keynote speaker, CoE Conference of the Ministers of Culture, Moscow, 2013.

Keynote speaker, Heritage for the 21<sup>st</sup> century conference, Limassol, Cyprus, 2017.

### **POLICY MAKING (SELECTION)**

Advisor for Cultural Policy, OECD, Paris (2018).

Member, Committee on Cultural Economics and Museums, MIBACT, Rome (2015-current).

Member, Cultural Value Project, Arts and Humanities Research Council, London (2013-14).

President, Regional Cultural Observatory, Marche Region (2009-12)

Scientific Consultant for Cultural Policies of the Presidency of the Sardinia Region (2005-09).

Scientific Director, Regional Cultural Industry Mapping Project, Region of Lombardy (2011).

Scientific Coordinator, Research on Italian Cultural Industry, Il Sole 24 Ore under the auspices of the Presidency of the Italian Republic (2011).

Evaluator, POR Lazio *Cultural Attractors* project (2009).

Scientific Director, Feasibility Study for the MAXXI-National Museum of the Arts of the XXI Century, MIBAC, Rome (2008).

Scientific co-coordinator, *Italian contemporary art abroad* project, DARC and Ministry of Foreign Affairs, Rome (2003-04).

## **LOCAL DEVELOPMENT PROJECTS (SELECTION)**

Director, City of Siena bid for the 2019 European Capital of Culture (2011-14).

Consultant, City of Vicenza, creative re-design of the Basilica Palladiana project (2009-10).

Scientific coordinator, System Wide Cultural District of the Monza-Brianza Province, Fondazione Cariplo (financed) (2008).

Scientific Coordinator, System Wide Cultural District of the City of Faenza and President of the Scientific Committee, C - Faenza International Festival of Contemporary Art (2006-11).

Scientific coordinator, *The Power of the Arts in Vancouver* project, Vancouver BC, VanCity Capital (2005-07).

## **OP-EDS, NEWS MEDIA AND MAGAZINES (SELECTION)**

Op-eds and articles, daily editions, Sunday Supplement (Domenicale) and Nòva Supplement, Il Sole 24 Ore, Milan.

Op-eds, Il Giornale delle Fondazioni, Turin.

Contributor, Flash Art, Milan; Artribune, Rome; Domus, Milan.