

Gilberto Antonelli cv

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Gilberto Antonelli, born in Asmara (Eritrea) on the 18th of January 1948, is Full Professor of Economics, Department of Economics, University of Bologna.

1. Education: 1980 Visiting fellow, London School of Economics and Political Sciences, Department of Economics; 1975-1977 Research student, London School of Economics and Political Sciences, Department of Economics; 1975-1977 Italian National Research Council scholarship for studies abroad; 1973-1974 First honours degree, Faculty of Political Science, Curriculum in Economics, University of Bologna; 1966-1967 Higher Secondary school-leaving certificate, Classical Lyceum "Dante Alighieri", Ravenna.

2. Main academic positions: 2016-2017 Invited Professor of "Theories of Globalization", Master of Global Studies, Humboldt University, Berlin; 2015-2016 Invited Professor of "Economic Inequality and Beyond", Master of Global Studies, Humboldt University, Berlin; from 2014 Board member in the Postgraduate School in Public Administration Studies (SPISA), Research and Education Center on the Public Sector (CRIFSP), University of Bologna; lecturer of Economic Policy; from 2007 National coordinator in the research and teaching network Global Studies Programme (GSP) launched at the global scale (Europe, Argentina, Brasil, India, Sout Africa, Thailand) first by the Freiburg University and later by the Humboldt University of Berlin (Germany); Partner through the Doctoral programme and the International Master in Development Innovation and Change (MiDIC) in the cooperation agreement with the Center for Law and Economics and the China University of Law and Political Science (CUPL), Beijing (China); from 2003 Lecturer of Economics of Local Systems in the Master course started in 2003 with the title Cooperation and Local and International Development (COSLI), changed in International Cooperation, Development and Human Rights (COSDI) in 2008, changed again in Local and Global Development (SLEG) in 2013, School of Political Science, University of Bologna; over the years lecturer in Laboratory of Economics; from 2003 Lecturer of Economics of Human Resources , Master course in Politics Administration and Organization (PAO) , School of Political Science, University of Bologna; from 2001 Member of the Teaching Council of the first level inter-faculty course in Development and International Cooperation (SVIC), University of Bologna; over the years lecturer in Economics, Economics of Labour, Economics of Innovation, Laboratory of Economics; from 1999 Chairman of the School of Development, Innovation and Change (SDIC) which, while carrying out international research, laid the foundation of different courses at the University of Bologna: MiDIC (in English), SVIC, COSLI, COSDI, SLEG; from 1993 Full Professor of Economics (SECS-P/01), School of Law, University of Bologna (since November); Member of the Department Council, Department of Economics, University of Bologna; from 1983 Member of the Teaching Committee of the Doctoral Research Programme started in 1983 with the title Structure and Economic Behaviour, changed in Economics and Institutions in 1994, Law and Economics in 2000 and European Law and Economics in 2010, University of Bologna.

3. Other academic positions: from 2013 Member of the Commission for University, Research and Evaluation of the Italian Society of Economists (SIE); from 2011 Member of the Commission of the Statistical Information Users (CUIS), ISTAT, Roma; Chairman of the Scientific Committee of HerAcademy, Corporate University of the Hera Group, Bologna (since December); from 2010 Academic Fellow of the Accademia delle Scienze, Bologna Institute, Class of Moral Sciences; from 2007 Coordinator of the Scientific Committee of the AlmaLaurea Inter-University Consortium till 2012 and currently member of its Scientific-Strategic Committee; from 1998 Member of the Scientific Committee of the Research Center for Economic Analysis and International Economic Development (CRANEC), Catholic University of Milano; from 1997 Member of the Scientific Committee of Centro di Ricerca Interuniversitario sui Servizi di Pubblica Utilità alla Persona (CRISP), University of Milano Bicocca.

4. Past positions: 2015 Member of the evaluation panel on "Humanities and Social Sciences, Cultural Heritage", National Research Council, Roma; 2012-2015 Member of the School Council, School of Law, University of Bologna; 1999-2013 Chairman of the Teaching Council of the Master course in

English with the title Master in Development Innovation and Change (MiDIC), changed in International Master in Development Innovation and Change (MiDIC) from 2008; lecturer in Population, Human Capital and Labour Markets, University of Bologna; 2011-2014 Coordinator of the Master degree courses in International Cooperation, Development and Human Rights (COSDI) – inter-Faculty degree (since April) and Local and Global Development (SLEG), School of Political Science, University of Bologna; 2006-2014 Member of the Steering Committee for Scientific Research and Innovation (CTS), Provincia Autonoma di Trento, Trento; 2005-2014 Lecturer in Labour Analysis and Design for Health and Work Security, Master in Health and Work Security, School of Law, University of Bologna; 1993-2014 Member of the Teaching Committee of the Postgraduate School in Public Administration Studies (SPISA), School of Law, University of Bologna; lecturer in Economic Policy; 2012- 2013 Scientific advisor for the EU Partnership Agreement and programmes for the period 2014-2020 in the Emilia-Romagna Region; 2010-2013 Vice Chairman of the Italian Economic Society (SIE) and Coordinator of its Commission for University and Research; 2013 Member of the Scientific Committee of the XI National Conference of Statistics (ISTAT); 2010-2012 Member of the Dean Council, School of Law, University of Bologna; 1993-2012 Member of the Faculty Council, School of Law, University of Bologna; 2008-2012 Coordinator of the research project on “Per una fondazione teorica delle politiche di sviluppo economico delle aree montane: unioni territoriali tra fallimenti di mercato e fallimenti sistemici”, School of Development Innovation and Change, Bologna; 1978-2012 Lecturer in Economics of Labour, Faculty of Political Science, University of Bologna (with a break from 1990 to 1997); 2010-2011 Member of the Scientific Committee of the International Conference on “Human Capital and Employment in the European and Mediterranean Area”, University of Bologna (AlmaLaurea, Bologna, 10-11 March 2011); Lecturer in Economics of Education, Master course in Direction and Management of Schooling Organizations, Faculty of Psychology, University of Bologna; 2008-2011 Participant in the two-year national research project (PRIN) of the Italian Ministry for Education, University and Research (MIUR) on “Regional emerging powers and local systems of production: New threats and opportunities?”, Department of Economics, University of Bologna (national coordinator: Riccardo Leoncini); 2005-2010 Coordinator of the research project on “Ex-ante, in itinere, ex-post evaluation of the development projects for the Bologna Province mountain”, School of Development Innovation and Change, Bologna; 2010-2012 Chairman of the Commission for International and External Relations, School of Law, University of Bologna; 2005-2010 Chairman of the Commission for International Relations, School of Law, University of Bologna; 2009 Supervisor of the research project on “Corporate university e firm training programmes”, CRISP-HERA; 2008-2009 Member of the Scientific Committee of the International Conference on “Les jeunes, l’Europe, la Méditerranée: Territoires, identités, politiques”, 4èmes rencontres Jeunes & Sociétés en Europe et autour de la Méditerranée, University of Bologna (Forlì, March 26-28 2009); 2005-2008 Participant in the two-year national research project (PRIN) of the Italian Ministry for Education, University and Research (MIUR) on “Fragmentation and local development: interpretative models and policy scenarios”, Department of Economics, University of Bologna (national coordinator: Riccardo Leoncini); 2005-2007 Member of the working group on “Study programme of the vulnerability and risk in coastal territories subject to anthropic subsidence”, AGIP-CIRSA, University of Bologna, Ravenna campus; 1996-2007 Member of the Scientific Committee of the “Centro per le Transizioni al Lavoro e nel Lavoro”, Forlì-Cesena; 2006 Member of the evaluation panel for Economic and Statistic Sciences, Research projects of primary national concern (PRIN) of the Italian Ministry for Education, University and Research (MIUR), Roma; 2004-2005 Member of the working group for the evaluation of the national higher education system, CNVSU-AlmaLaurea, Bologna; 2003-2005 Participant in of the two-year national research project (PRIN) of the Italian Ministry for Education, University and Research (MIUR) on “Dynamic capabilities: firm organization and local production systems”, Department of Economics, University of Bologna (national coordinator: Riccardo Leoncini); 2001-2005 Lecturer of Economics and industrial accountancy, “Postgraduate School for Legal Professions”, School of Law, University of Bologna; 2000-2005 Member of the Committee for the Supervision and Evaluation of Research (CIVR), Provincia Autonoma di Trento, Trento; 2001-2004 Member of the Guarantee Commission, Research

projects of primary national concern (PRIN), Italian Ministry for Education, University and University (MIUR), Roma; Member of the Presidential Council and Chairman of the Commission for Scientific Research of the Italian Economic Society (SIE); 2004 Lecturer of Economics of Education, "Master in Management of Educational Institutions" (MIE), Faculty of Economics, University of Bologna; 2001-2003 Member of the Scientific Committee of the Research Institute on the Dynamics of Economic Systems (IDSE), National Research Council of Italy (CNR), Milano; 1996-2003 Member of the Teaching Council and Lecturer in Economics of Labour, Master course in Economics of Cooperation (MUEC), Faculty of Economics, University of Bologna; 2000-2002 Lecturer of Economics in the degree course in "Operatore Giuridico di Impresa", University of Bologna, Ravenna campus; Participant in the two-year national research project (PRIN) of the Italian Ministry for Education, University and Research (MIUR) on "Infrastructures, competitiveness and levels of governance: knowledge and development of the New Economy", Department of Economics, University of Bologna (national coordinator: Paolo Pini); 2000-2001 National coordinator of the research project on "Social security, labour markets and labour policies: New economy and benchmarking policies", in the framework of the Strategic Project of the National Research Council of Italy (CNR) on "Italy in Europe: Governance and policies for economic and social development", Roma; Local coordinator of the research project on "Policies for the implementation of an integrated system: Economics of the new educational markets and organizations", in the framework of the national research project (PRIN) of the Italian Ministry for University and Scientific and Technological Research (MURST) on "Policies for the implementation of an integrated system: organizational models, human resources, financial implications", Department of Economics, University of Bologna (national coordinator: Luisa Ribolzi); 1999-2002 Member of the Academic Senate of the University of Bologna and of the Budget Commission, Bologna; 1999-2001 Member of the Academic Committee of EU-China Higher Education Cooperation Programme, European Commission, Beijing; 1995-2000 Coordinator of the Doctoral Research Programme in "Economics and Institutions", Department of Economics, University of Bologna; 1991-2000 Director of the Research Institute on the Dynamics of Economic Systems (IDSE), National Research Council of Italy (CNR), Milano; 1998-2000 National and Local Coordinator of the research project on "Infrastrutture, competitività, livelli di governo: Dall'economia italiana all'economia europea", Projects of primary national concern (PRIN), Italian Ministry for University and Scientific and Technological Research (MURST), Department of Economics, University of Bologna; 1998-1999 National coordinator of the research project on "Social security, labour markets and labour policies", in the framework of the Strategic Project of the National Research Council of Italy (CNR) "Italy towards Europe: Governance and policies for economic and social development", Roma; 1997-1999 Honorary Visiting professor to ESRC Centre for Research on Innovation and Competition, University of Manchester, UK; 1997-1998 Lecturer in Local Economic Development, "Master in Regional and Local Government", "Postgraduate School in Public Administration Studies" (SPISA), School of Law, University of Bologna; 1996-1997 National Coordinator of the research project on "Unemployment and the low rate of activity in Italy: Determinants and policies", Strategic Project of the National Research Council of Italy (CNR), Rome; 1996-1997 Lecturer in the training course "Legal and managerial characteristics of banking foundations", "Postgraduate School in Public Administration Studies" (SPISA), School of Law, University of Bologna; Lecturer in Economics of Labour, "Postgraduate School for Education and Career Counselling", Faculty of Psychology, University of Bologna; 1995-1997 Chairman of the Italian Association of Labour Economists (AIEL); 1985-1997 Lecturer in Development Economics, "Postgraduate School of International Cooperation and Implementation Policies in LDC's", Faculty of Political Science, University of Bologna; 1993-1996 Scientific coordinator of the research unit IDSE-CNR (Milano) on "System's competitiveness, structural and evolutionary dynamics and endogenous growth", in the framework of the "Human Capital and Mobility" project, European Commission, CompEcs "The economic analysis of institutional and structural change as an integrated dynamic process"; 1994-1995 Lecturer in Industrial Economics, Faculty of Economics, University of Bologna; 1985-1995 Local Coordinator of the research project on "Technological systems and structural dynamics", 40% quota, Italian Ministry for University and Scientific and Technological Research (MURST), first at the University of Bologna and

subsequently at the I.U.N. (Napoli), at the University of Verona and again at the University of Bologna; 1993-1994 Italian Scientific Coordinator of the French-Italian research project “Programme Europe” (CNRS-CNR) on “Production’s dynamics”; 1992-1994 Scientific coordinator of the research unit of the Research Institute on the Dynamics of Economic Systems (IDSE), National Research Council of Italy (CNR), Milano, on “System’s competitiveness and technological change”, in the framework of the CNR Strategic Project on “Technological Change and industrial development”; 1990-1993 Full Professor of Economics, Faculty of Economics, University of Verona and substitute teacher of Economics, Law Faculty, Università di Bologna; 1989-1991 Scientific coordinator of the research unit IDSE-CNR (Milano) on “Product, process and materials innovation in the process of the technological change”, in the framework of the “Stimulating Plan for Economic Science” (SPES), European Commission, “The dynamics of industrial structural change and international integration in the European Community”; 1988-1991 Research fellow at the Research Institute on the Dynamics of Economic System (IDSE – CNR), Milano; 1988-1990 Research fellow at the Research Institute on the Tertiary Activities (IRAT – CNR), Napoli; 1987-1990 Full Professor of Economic Policy, Faculty of Economics of Transport and International Trade, Institute for Economic Studies, Istituto Universitario Navale (IUN), Napoli; 1988-1989 Lecturer in Cost-Benefit Analysis and Environmental Economics, “High School of Public Administration”, Roma; 1983-1987 Member of the University of Bologna research unity on “Italian technological policies in international relations”, in the framework of the Oriented Project of the National Research Council of Italy (CNR) on “Struttura ed evoluzione dell’economia italiana”, Subproject “Italy in the international economy”, (national coordinator: Alberto Quadrio Curzio); Associate Professor of Economics of Labour, Faculty of Political Science, University of Bologna; 1985-1986 Member of the Teaching Council of the “Postgraduate School of International Cooperation and Implementation Policies in LDC's”; lecturer in Development Economics, Faculty of Political Science, University of Bologna; 1982-1984 Lecturer of Economics of Labour, Postgraduate School of Industrial Relations, Faculty of Political Science, University of Bologna; 1977-1983 Assistant Professor of Economics, Faculty of Economics, University of Trento; 1974-1975 Tutor of Economic Analysis, Institute of Economic Science, Faculty of Political Science, University of Bologna.

5. Main research fields

Economic analysis of “broad production factors” (labour and human resources, capital and technology, natural and environmental resources); Innovation, structural change and economic growth theories; Employment and unemployment theories; Labour policies; Economics of education and human capital; Local economic development and international cooperation; Subsidiarity principle and transferability of economic institutions; Economic theory in retrospect; Public policy evaluation; Multi-dimensional inequality.

6. Main publications: “Assessing selection patterns and wage differential of high-skilled migrants. Evidence from the AlmaLaurea dataset on Italian graduates working abroad”, AlmaLaurea Working Papers, N. 76, Bologna, December, 2016, pp. 1-36 (with S. Binassi, G. Guidetti and G. Pedrini); “Institutions, models of capitalism and inequality in income distribution. An empirical investigation”, Working Paper, Dipartimento di Scienze Economiche, Università di Bologna, 2016, pp. 1-30 (with P. P. Calia and G. Guidetti); “Introduction”, in G. Antonelli and G. Cappiello (eds.), *Smart development in smart communities*, London, Routledge, 2016, pp. 1-15 (with G. Campri); “Smart cities, social goods and demand side outcomes in a regional policy perspective”, in G. Antonelli and G. Cappiello (eds.), *Smart development in smart communities*, London, Routledge, 2016, pp. 99-117; “Smart development, local production systems and related variety”, in G. Antonelli and G. Cappiello (eds.), *Smart development in smart communities*, London, Routledge, 2016, pp. 121- 129 (with R. Leoncini); “Smart development as a criss-crossed outcome of smart specialization and smart city strategies”, in G. Antonelli and G. Cappiello (eds.), *Smart development in smart communities*, London, Routledge, 2016, pp. 130-147; “Government and governance for smart development in smart communities”, in G. Antonelli and G. Cappiello (eds.), *Smart development in smart communities*, London, Routledge, 2016, pp. 253-274 (with N. De Liso) “Scenari, metodi, prospettive di ricerca: una introduzione”, *Atlantide* issue on “Creazione e distruzione di posti di lavoro”, N. 3, 2014, pp. 9-18 (with G. Vittadini); “Approaching an investigation of multi-dimensional inequality through the lenses of variety in models of capitalism”, *Quaderni-Working*

Paper, Department of Economic Sciences, University of Bologna, N. 984, 2014, pp. 1-46 (with P. P. Calia and G. Guidetti). Presented at the Workshop on “Emerging Realities”, Centre for East and South-East Asian Studies, Lund University, Lund, 9-10 October; “Knowledge based competition, convergence in labour markets and models of capitalism in Europe”, *Transcience. A Journal of Global Studies*, Vol. V, N. 1, 2014, pp. 79-90; “Convergenza tra mercati del lavoro e modelli di capitalismo in Europa”, *Atlantide*, Vol. X, N. 31, 2014, pp. 53-60; “Politiche per la montagna in Emilia-Romagna: valutazione di 13 progetti di sviluppo dell’Appennino bolognese”, *Rivista di Politica Economica*, Vol. VII-IX, July-September, 2014, pp. 245-277 (with D.N. Manitiu and G. Pedrini); “Dinamica economica strutturale e diseguaglianza multidimensionale”, in G. De Vergottini (ed.), *Rendiconti dell’Accademia delle Scienze dell’Istituto di Bologna per l’Anno Accademico 2012/2013*, Bologna, Bononia University Press, Class of Moral Sciences, 2014, Vol. V, pp. 253-259; “The new ISTAT’s macro econometric model: Improvements in statistical information availability and labour force projection”, *Rivista di Statistica Ufficiale*, N. 1, 2013, pp. 5-16; “The Corporate University in the European utilities industry”, *Utilities Policy*, Vol. XXV, 2013, pp. 33-41 (with Giuseppe Cappiello and Giulio Pedrini); Governo e governance dei servizi di pubblica utilità: una introduzione, *Economia dei Servizi*, Vol. VII, N. 2, 2012, pp. 217-236; Politiche del lavoro e della crescita nell’economia dei servizi dopo la crisi globale: sviluppo umano o efficienza?, *Economia dei Servizi*, Vol. VII, N. 1, 2012, pp. 3-24; Misurazione del capitale umano dal lato della domanda di lavoro. Un inquadramento teorico, in L. Tronti (ed.), *Capitale umano. Definizione e misurazione*, Padova, Cedam-Kluwer, 2012, pp. 43-74 (with R. Antonietti and G. Guidetti); Misurazione del capitale umano dal lato della domanda di lavoro. Un’analisi empirica sulle scelte d’investimento in formazione nelle imprese manifatturiere italiane, in L. Tronti (ed.), *Capitale umano. Definizione e misurazione*, Padova, Cedam-Kluwer, 2012, pp. 225-272 (with R. Antonietti and G. Guidetti); “Sostenibilità dello sviluppo e natura dei beni economici dopo la crisi globale”, in G. De Vergottini (ed.), *Rendiconti dell’Accademia delle Scienze dell’Istituto di Bologna per l’Anno Accademico 2011/2012*, Bologna, Accademia delle Scienze, 2012, pp. 173-184; Un economista politico: tematiche, metodo e implicazioni di politica economica, in Antonelli G., Maggioni M.A., Pegoretti G., Pellizzari F., Scazzieri R. and Zoboli R. (eds.), *Economia come scienza sociale: teoria, istituzioni, storia. Studi in onore di Alberto Quadrio Curzio*, Bologna, Il Mulino, 2012, pp. 9-22 (with R. Zoboli); Introduzione alla Parte prima, in Antonelli G., Maggioni M.A., Pegoretti G., Pellizzari F., Scazzieri R. and Zoboli R. (eds.), *Economia come scienza sociale: teoria, istituzioni, storia. Studi in onore di Alberto Quadrio Curzio*, Bologna, Il Mulino, 2012, pp. 25-35 (with M.A. Maggioni); Sviluppo sostenibile, complessità, conoscenza, in Antonelli G., Maggioni M.A., Pegoretti G., Pellizzari F., Scazzieri R. and Zoboli R. (eds.), *Economia come scienza sociale: teoria, istituzioni, storia. Studi in onore di Alberto Quadrio Curzio*, Bologna, Il Mulino, 2012, pp. 37-90. (with N. De Liso); Emerging powers development, global economic crisis and value chains restructuring, in B. Rehbein (ed.), *Globalization and inequality in emerging societies*, Houndmills, Palgrave Macmillan, 2011, pp. 175-193; Introduzione, in AlmaLaurea (ed.), *L’istruzione universitaria nell’ultimo decennio. All’esordio della European Higher Education Area*, Bologna, Il Mulino, 2011, pp. 15-17; Global economic crisis and systemic failure, *Economia Politica. Journal of Analytical and Institutional Economics*, Vol. XXVIII, N. 3, 2011, pp. 403-434; Mixed outcomes of the Bologna process in Italy, in H. Schomburg and U. Teichler (eds.), *Employability and mobility of bachelor graduates in Europe*, Rotterdam, Sense Publishers, 2011, pp. 143-170 (with A. Cammelli, A. di Francia, G. Gasperoni and M. Sgarzi); Organizational change, skill formation, human capital measurement: Evidence from Italian manufacturing firms”, *Journal of Economic Surveys*, Vol. 24, N. 2, April 2010, pp. 206-247 (with R. Antonietti and G. Guidetti); High school graduates, skill formation and labour demand, *Rivista Internazionale di Scienze Sociali. Special Issue*, NN. 3-4, 2009, pp. 445-476 (with R. Antonietti and G. Guidetti); Systemic failure and new standards for global economic development, in Research Center for Law and Economics (RCLE), *The forces of economic growth: A law and economics perspective*, Beijing, China University of Political Science and Law, 2009, pp. 409-416; Retribuzioni e potere d’acquisto dei laureati, in AlmaLaurea (ed.), *XI Rapporto sulla condizione occupazionale dei laureati italiani. Occupazione e occupabilità dei laureati. A dieci anni dalla Dichiarazione di Bologna*, Bologna, Il Mulino, 2009, pp. 153-178 (with L. Campiglio); Retribuzioni e potere d’acquisto dei laureati, in

AlmaLaurea (ed.), XI Rapporto sulla condizione occupazionale dei laureati italiani. Occupazione e occupabilità dei laureati. A dieci anni dalla Dichiarazione di Bologna, Bologna, Il Mulino, 2009, pp. 153-178 (with L. Campiglio). Economia, Torino, Giappichelli, 2009, 3rd edition (with G. Cainelli, N. De Liso, R. Leoncini and S. Montresor); Scuola secondaria superiore, formazione del capitale umano e domanda di lavoro, in AlmaLaurea (ed.), AlmaDiploma e la valutazione dell'istruzione secondaria superiore. Un progetto sperimentale, Bologna, AlmaLaurea, 2008, pp. 120-192 (with R. Antonietti and G. Guidetti); Nuovi mercati del lavoro, formazione, fallimenti sistemici, in A. Brugnoli, G. Vittadini (eds.), La sussidiarietà in Lombardia. I soggetti, le esperienze, le policy, Milano, Guerini e Associati, 2008, pp.57-61; Formazione professionale e domanda di lavoro in Italia, in G. Ghisla, L. Bonoli and M. Loi (eds.), Economia della formazione professionale: stato dell'arte, apporti empirici, letteratura critica, Novara, UTET-De Agostini, 2008, pp. 221-264 (with G. Guidetti); Economia del lavoro e delle risorse umane, Novara, UTET-De Agostini, 2008 (with G. Guidetti); Principi economici di base nella valutazione dell'istruzione universitaria, in A. Cammelli and G. Vittadini (eds.), Capitale umano: Esiti dell'istruzione universitaria, Bologna, Il Mulino, 2008, pp. 17-59; Demand for skilled labour services, job design and the 'revealed learning function', in R. Leoncini, S. Montresor (eds.), Dynamic capabilities between firm organization and local systems of production, London, Routledge (forthcoming) (with M. Nosvelli); Knowledge endowment and composition as dynamic capabilities, in R. Leoncini, S. Montresor (eds.), Dynamic capabilities between firm organization and local systems of production, London, Routledge (forthcoming) (with G. Pegoretti); Principi economici di base nella valutazione dell'istruzione universitaria, in Consorzio Interuniversitario AlmaLaurea, , Bologna, Il Mulino, Capitale umano: Esiti dell'istruzione universitaria, Bologna, Il Mulino, (forthcoming); Mercati del lavoro e servizi sociali, Autonomie Locali e Servizi Sociali, N. 1, April 2007, pp. 189-203; Domanda ed offerta di laureati: Una interazione complessa, in Consorzio Interuniversitario AlmaLaurea, VIII Rapporto sulla condizione occupazionale dei laureati. I laureati di primo livello alla prova del lavoro, Bologna, Il Mulino, 2006, pp. 183-206 (with A. Di Francia e G. Guidetti); Efficacia ed efficienza del sistema scolastico: Il contributo dell'economia dell'istruzione, in A. Paletta (ed.), Verso un quasi mercato?, Roma, Armando Editore, 2006, pp. 39-50; L'evoluzione delle politiche del lavoro europee all'inizio del Terzo Millennio", Istituzioni e Sviluppo Economico / Institutions and Economic Development, vol. III, NN. 1-2, 2005, pp. 27-66 (with M. Nosvelli); Organizzazione della conoscenza e confini esterni nei sistemi locali di produzione, in M. Lorzio (ed.), Istituzioni, governance e sviluppo economico, Roma, Carrocci Editore, 2005; Attività di erogazione delle fondazioni di origine bancaria: Impostazione di analisi ed evidenze empiriche di una recente ricerca condotta in Emilia-Romagna, in A. Falzea, Le fondazioni di origine bancaria: Problemi e prospettive, Roma, Accademia Nazionale dei Lincei, 2005; Economic structure, organisation of knowledge, productivity, in G. Huber, H. Krämer and H.D. Kurz (eds.), Einkommensverteilung, technischer Fortschritt und struktureller Wandel, Marburg, Metropolis-Verlag, 2004 (with G. Pegoretti); Effectiveness and efficiency of the school system: The economics of education contribution, Department of Economics, University of Bologna, 2004 (mimeo); Introduzione, Session on Organisation, Knowledge, Productivity, XXXV Annual Scientific Meeting of the Italian Economic Society (SIE), Bologna University, 22 October 2004 (with F. Malerba); Knowledge production and human resources in economic development, in EU Commission, The Europe of Knowledge 2020: A vision for university-based research and innovation, Liège 25 - 28 April 2004; Prefazione, in M. Cavazza (ed.), L'attività di erogazione delle fondazioni di origine bancaria in Emilia-Romagna, Rimini, Maggioli Editore, 2004, pp. 9-26; Regional governance and economic development: A European perspective, in G. Cainelli and R. Zoboli (eds.), The Evolution of Italian Industrial Districts, Wien, Springer Verlag, 2004, pp. 33-54; Structural policies for structural change in the European Union, in G. Antonelli and N. De Liso (eds.), European economic integration and Italian labour policies, Aldershot, Ashgate, 2004, pp. 297-320; Economia, Torino, Giappichelli Editore, 2004 (with G. Cainelli, N. De Liso, R. Leoncini, S. Montresor); Human capital accumulation and structural policies in a knowledge-based economy, in J.R. Teixeira (ed.), Globalisation, new technologies and economic relations, Brasilia University, Brasilia, 2003, pp. 11-61; Analisi degli skill mediante una learning function, Department of Economics, University of Bologna, 2003 (mimeo) (with M. Nosvelli); La famille comme organisation économique multidimensionnelle, Department of Economics,

University of Bologna, 2003 (mimeo); Introduzione, in G. Antonelli (ed.), *Istruzione, economia e istituzioni*, Bologna, Il Mulino, 2003; Opportunità e problemi aperti delle organizzazioni non profit, *Non Profit*, Vol. IX, N.2, 2003, pp. 181-226 (with M. Nosvelli); Mercati e politiche del lavoro in Italia e in Europa, in L. Paganetto and G. Tria (eds.), *Istituzioni e governo dell'economia*, Bologna, Il Mulino, 2003 (with M. Nosvelli); Le risorse umane, in A. Quadrio Curzio, M. Fortis and G. Galli, *La competitività dell'Italia*, Milano, Il Sole 24 Ore, 2002 (with S. Montresor), pp. 85-124; La cooperazione sociale, in G. Vittadini, *Liberi di scegliere*, Milano, Etas, 2002, pp. 66-89 (with M. Nosvelli); Flessibilità e nuova economia reale, in G. Antonelli and M. Nosvelli (eds.), *Monitoraggio e valutazione delle politiche del lavoro per una nuova economia*, Bologna, Il Mulino, 2002, pp. 23-33; Strategie di accumulazione del capitale umano e formazione professionale in Emilia-Romagna, in G. Antonelli and M. Nosvelli (eds.), *Monitoraggio e valutazione delle politiche del lavoro per una nuova economia*, Bologna, Il Mulino, 2002, pp. 183-206 (with G. Cainelli) pp. 183-236; The quality of educational system as it interacts with the economic system: Thinking about the Italian experience, in E.S. Phelps and L. Paganetto (eds.), *Finance, Research, Education and Growth*, London, Palgrave Macmillan, 2002; L'impatto della riforma sullo sviluppo economico locale e nazionale, in L. Montuschi and P. Tullini (eds.), *Lavoro e cooperazione tra mutualità e mercato*, Torino, Giappichelli Editore, pp. 169-191; Politica formativa come politica economica: Limiti e efficacia, in M.R. Carrillo and A. 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