

CURRICULUM VITAE ET STUDIORUM

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Date and Place of Birth: 18th January 1948, Asmara (Eritrea)
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1. Main academic positions

- from 2005 Chairman of the Commission for International Relations, Faculty of Law, University of Bologna.
- from 1999 Chairman of the School of Development, Innovation and Change (SDIC), University of Bologna.
- from 1993 Full Professor of Economics, Faculty of Law, University of Bologna (since November).

2. Other academic positions

- from 2005 Member of the Working Group on “Programma di studio per l’analisi della vulnerabilità e del rischio del territorio costiero soggetto alla subsidenza antropica”, AGIP-CIRSA.
- from 2004 Member of the Working Group for the evaluation of the national university system.
- from 2004 Lecturer of Economics of Education, Master in Management of Educational Institutions (MIE), University of Bologna.
- from 2003 Member of the Teaching Board of the Degree Course (biennial) in Cooperation and Local and International Development (COSLI) and Lecturer of Economics of Local Systems, University of Bologna.
- from 2001 Lecturer of “Economics and industrial accountancy”, Scuola di Specializzazione per le Professioni Legali, Faculty of Law, University of Bologna.
- from 2001 Member of the Teaching Board of the Degree Course (triennial) in Development and international Cooperation (SVIC) and Lecturer of Economics, University of Bologna.

- from 2000 Member of the Teaching Board of the Doctorate programme in "Law and Economics", University of Bologna.
- from 1999 Member of the Teaching Board and Lecturer at the Master in Development Innovation and Change (MiDIC) , University of Bologna.
- from 1997 Member of the Scientific Committee of Centro di Ricerca Interuniversitario sui Servizi di Pubblica Utilità alla Persona (CRISP), University of Bologna, University Bocconi, University Cattolica and State University of Milano.
- from 1996 Member of the Scientific Committee of the “Centro per le Transizioni al Lavoro e nel Lavoro”, Provincial Government of Forlì-Cesena.
- from 1993 Member of the Teaching Board and Lecturer in Economic Policy, Postgraduate School of Administrative Law and Administration Science (SPISA), Faculty of Law, University of Bologna.
- from 1978-90 and from 1997 -
Lecturer in Labour Economics, Faculty of Political Science, University of Bologna.

3. Other present and past positions

- 2006 - Member of the evaluation panel for economics and statistics sciences, Research projects of primary national concern (PRIN), Italian Ministry for Education and University (MIUR).
- 2006 - Member of the Steering Committee for Scientific Research and Innovation (CTS), Provincia Autonoma di Trento.
- 2000 - 2005 Member of the Committee for the Supervision and Evaluation of Research (CIVR), Provincia Autonoma di Trento.
- 2001 - 2004 Member of the “Commissione di Garanzia”, Research projects of primary national concern (PRIN), Italian Ministry for Education and University (MIUR).
- 2001 - 2004 Member of the Presidential Council and Chairman of the Commission for Scientific Research of the Italian Economic Association (SIE).
- 2000 - 2002 Lecturer of Economics in the degree course in “Operatore Giuridico di Impresa”, University of Bologna, Ravenna campus.
- 1999 - 2002 Member of the Academic Senate of the University of Bologna and of the Budget Commission.
- 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.
- 1999-2001 Member of the Academic Committee of EU – China Higher Education Cooperation Programme, European Union Commission.
- 2000-2001 Coordinator of the research project on “Social security, labour markets and labour policies: New economy and benchmarking policies”, Strategic Project of the National Research Council of Italy (CNR) “L’Italia in l’Europa: Governance e politiche per lo sviluppo economico e sociale ”.
- 2000-2001 Local Coordinator of the research project on “Le politiche di attuazione del sistema integrato: Economia dei nuovi mercati della formazione e delle organizzazioni educative”, Project MURST “Politiche di attuazione del sistema formativo integrato: modelli organizzativi, risorse umane, implicazioni finanziarie”, Projects of primary national concern (PRIN), Italian Ministry for University and Scientific Research (MURST), University of Bologna.

- 1995-2000 Coordinator of the Doctorate programme in "Economics and Institutions", Department of Economics, University of Bologna.
- 1998-1999 Coordinator of the reserch project on “Social security, labour markets and labour policies”, Strategic Project of the National Research Council of Italy (CNR) “L’Italia verso l’Europa: Governance e politiche per lo sviluppo economico e sociale”.
- 1995-1997 Chairman of the Italian Association of Labour Economists (AIEL).
- 1996-2003 Member of the Teaching Board and Lecturer in Labour Economics, Master course in Economics of Cooperation, Faculty of Economics, University of Bologna.
- 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 Research (MURST), University of Bologna.
- 1991-2000 Director of the Research Institute on the Dynamics of Economic Systems (IDSE), National Research Council of Italy (CNR), Milano.

- 1997-99 Honorary Visiting professor to ESRC Centre for Research on Innovation and Competition, University of Manchester.
- 1997-98 Lecturer in Local Economic Development, Master course “Regional and Local Government”, SPISA, Faculty of Law, University of Bologna.
- 1985-97 Lecturer in Development Economics, Postgraduate School of International Cooperation and Implementation Policies in LDC's, Faculty of Political Science, University of Bologna.
- 1985-95 Local Coordinator of the research project on “Sistemi tecnologici e struttura dinamica” (quota 40% MURST), at first at the University of Bologna, after at the I.U.N. (Napoli), University of Verona and again at the University of Bologna
- 1996-1997 National Coordinator of the research project on “Unemployment and the low level of economic activity in Italy: Deteminants and policies”, Strategic Project of the National Research Council of Italy (CNR)
- Lecturer in the Training-Course “Aspetti giuridico-gestionali delle fondazioni bancarie”, SPISA, Faculty of Law, University of Bologna
- Lecturer in Labour Economics, Postgraduate School “Consulenti per l’orientamento scolastico e professionale”, Faculty of Psychology, University of Bologna
- 1994-95 Lecturer in Industrial Economics, Faculty of Economics, University of Bologna
- 1993-1994 Italian Scientific Coordinator of the French-Italian research project “Programme Europe” (CNRS-CNR) on “Production’s dynamics”
- 1993-96 Scientific Coordinator of the Research Unity at IDSE-CNR Milano on “System’s competitiveness, structural and evolutionary dynamics and endogenous growth”, “Human Capital and Mobility ” (HCM, EU), CompEcs “The economic analysis of institutional and structural change as an integrated dynamic process”
- 1992-1994 Coordinator of research unity IDSE-CNR (Milano) on “Competitività di sistema e cambiamento tecnologico,” CNR Strategic Project, “Technological Change and industrial development”
- 1990-93 Full Professor of Economics, Faculty of Economics, University of Verona
- 1988-91 Research fellow at the Research Institute on Dynamic of Economic System (IDSE – CNR), Milano
- 1988-90 Research fellow at the Research Institute on the Service Sector (IRAT – CNR), Napoli
- 1989-91 Coordinator of the Research Unity IDSE-CNR (Milano) on “Product, process and materials innovation in the process of the technological change, Stimulating Plan for Economic Science (SPES)”, “The dynamics of industrial structural change and international integration in the European Comunity”
- 1988-89 Lecturer in Cost-Benefit Analysis and Environmental Economics, High School of Public Administration, Roma
- 1987-90 Full Professor of Economic Policy, Faculty of Economics, University of Napoli
- 1983-87 Associate Professor of Labour Economics, Faculty of Political Science, University of Bologna
- Member of Research Unity of the University of Bologna on “Le operazioni dell’Italia nel campo delle tecnologie nelel relazioni internazionali”, Subproject “L’Italia nell’economia internazionale”, CNR oriented Project on “Struttura ed evoluzione dell’economia italiana”
- 1985-86 Member of the Theaching Board and Lecturer in Development Economics, Postgraduate School in “Cooperazione internazionale e politiche di intervento nei Paesi in via di sviluppo”, Faculty of Political Science, University of Bologna

- 1982-84 Lecturer in Labour Economics, Postgraduate School of Industrial Relations, Faculty of Political Science, University of Bologna
- 1983-84 Member of the scientific and teaching staff of the Doctoral Programme in “Strutture e comportamenti economici”, “Economia e Istituzioni” from 1994 onward, University of Bologna
- 1978-83 Lecturer of Labour Economics, Faculty of Political Science, University of Bologna
- 1977-83 Assistant Professor of Economics, Faculty of Economics, University of Trento
- 1974-75 Instructor of Economics, Faculty of Political Science, University of Bologna

4. Education

- 1975-77
and 1980 Research student, London School of Economics and Political Sciences, Department of Economics
- 1973-74 First honours degree, Faculty of Political Science, Curriculum in Economics, University of Bologna
- 1966-67 Secondary school-leaving certificate, Classical lyceum "Dante Alighieri", Ravenna

5. Main research fields

- (i) Economic analysis of "broad" production factors (Labour and human resources, Capital and technology, Natural and environmental resources)
- (ii) Innovation, Structural change and Economic growth
- (iii) Employment and Unemployment theories, Labour policies
- (iv) Economics of Education and Human capital
- (v) Local economic development and International Cooperation
- (vi) Subsidiarity Principle
- (vii) Transferability of economic institutions
- (viii) Economic theory in retrospect

6. Publications

- “Domanda ed offerta di laureati: Una interazione complessa”, in Cammelli A. (ed.), *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 and 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.
- “Organizzazione della conoscenza e confini esterni nei sistemi locali di produzione”, in A. Lopes, M. Lorizio and F. Reganati (ed.), *Istituzioni e imprese nello sviluppo locale*, Roma, Carrocci Editore, 2005, pp. 299-336 (with M. Nosvelli).
- “L’evoluzione delle politiche del lavoro europee all’inizio del Terzo Millennio”, *Istituzioni e Sviluppo Economico / Institutions and Economic Development*, vol. III, no. 1-2, 2005, pp. 27-66.

- “Attività di erogazione delle fondazioni di origine bancaria: Impostazione di analisi ed evidenze empiriche di una recente ricerca condotta in Emilia-Romagna”, in Accademia Nazionale dei Lincei, *Le fondazioni e le fondazioni di origine bancaria*, Roma, Bardi Editore, 2005, pp. 253-271.
- “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, 2005 (with G. Pegoretti), pp. 209-235.
- “Prefazione”, in M. Cavazza (a cura di), *L’attività di erogazione delle fondazioni di origine bancaria in Emilia-Romagna*, Rimini, Maggioli editore, 2004, pp. 9-20.
- “The contribution of the regions to economic development: An European analysis”, in G. Cainelli and R. Zoboli (eds.), *The Evolution of Italian Industrial Districts*, Heidelberg, Physica-Verlag, 2004, pp. 33-54.
- “Macroeconomic and employment 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, 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;
- ”La famiglia come organizzazione economica multidimensionale”, *Istituzioni e Sviluppo Economico / Institutions and Economic Development*, vol. I, no. 1, 2003, pp. 67-108.
- ”Introduzione”, in G. Antonelli (ed.), *Istruzione, economia e istituzioni*, Bologna, Il Mulino, 2003, pp. 7-21.
- Istruzione, economia e istituzioni*, Bologna, Il Mulino, 2003 (ed.).
- ”Opportunita’ e problemi aperti delle organizzazioni non profit”, *Non Profit*, Vol. IX, n. 2, 2003, pp. 181-226 (with M. Nosvelli).
- Economia*, Torino, Giappichelli, 2003 (with G. Cainelli, N. De Liso, R. Leoncini, S. Montresor).
- “Mercati e politiche del lavoro in Italia e in Europa”, in L. Paganetto and M. Lo Cicero (eds.), *Una governance per l’Italia in Europa*, Bologna, Il Mulino, 2003 (with M. Nosvelli).
- “Flessibilità e nuova economia reale”, in *Sociologia del Lavoro*, n. 90, 2003, pp. 57-66.
- “Le risorse umane”, in A. Quadrio Curzio, M. Fortis and G. Galli (eds.), *La competitività dell’Italia*, Milano, Il Sole 24 Ore, 2002, pp. 85-124 (with Sandro Montresor).

- "La cooperazione sociale", in G. Vittadini, *Liberi di scegliere*, Milano, Etas, 2002, pp. 66-89 (with M. Nosvelli).
- "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.
- "Introduzione", "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. 7-20 (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; published also in *Sociologia del Lavoro*, n. 90, 2003.
- "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).
- "Capitale umano e nuova economia reale", Accademia Nazionale dei Lincei, *Tecnologia e società*, Roma, Accademia Nazionale dei Lincei, 2001, pp. 539-558.
- "Politica formativa come politica economica: Limiti e efficacia", in M.R. Carrillo and A. Zazzaro (eds.), *Istituzioni, capitale umano e sviluppo del Mezzogiorno*, Napoli, Edizioni Scientifiche Italiane, 2001, pp. 221-255 (with G. Cainelli).
- "Organizzazioni non profit. Alcuni insegnamenti della teoria economica alla luce dei riscontri empirici", in CRISP, *Rilevazione e interpretazione economica del non profit*, Milano, Franco Angeli, 2001, pp. 107-117.
- Cooperative sociali e sviluppo economico in Lombardia*, Milano, Franco Angeli, 2001 (ed.).
- "Il monitoraggio delle politiche del lavoro in Emilia-Romagna", in Regione Emilia-Romagna, *Istruzione, formazione, lavoro. Rapporto 2000*, Bologna, Regione Emilia-Romagna, 2000, pp. 643-660 (with G. Guidetti and A. Montini).
- Monitoraggio delle azioni per l'istruzione, la formazione, il lavoro. Anno 1999*, in Regione Emilia-Romagna, *Istruzione, formazione, lavoro. Rapporto 2000*, Bologna, Regione Emilia-Romagna, 2000, pp. 47 (with M. Amadesi, S. Dalmastri, G. Guidetti, A. Montini, N. Tiozzo Caenazzo).
- "I nuovi attori della formazione professionale", in Fondazione Aristeia (ed.), *Viaggio tra i perchè della disoccupazione intellettuale in Italia*, Padova, Giuffrè, 2000, pp. 137-152.
- "Ricerca e innovazione in un'economia di servizi", in P. Garonna (ed.), *L'economia della ricerca*, Bologna, Il Mulino, 2000, pp. 153-181 (with R. Zoboli).

- "International Co-operation and Local Development", *Economia Politica*, n. 1, Vol. XVII, 2000, pp. 5-20 (with S. Montresor).
- "Lo sviluppo economico delle cooperative sociali in Lombardia: Alcuni riscontri empirici su potenzialità e limiti", *Non Profit*, Vol. VI, n. 4, 2000, pp. 477-524 (with M. Cavazza Rossi and D. Gagliardi).
- "Structural Change and Technological Externalities in the Service Sector. Some Evidence from Italy", in J.S. Metcalfe and I. Miles (eds.), *Innovation Systems in the Service Economy. Measurement and Case Studies*, Boston, Kluwer Academic Publishers, 2000, pp. 187-217 (with G. Cainelli, N. De Liso and R. Zoboli).
- "I servizi di pubblica utilità alla persona: l'evoluzione economica", in CRISP (ed.), *I servizi di pubblica utilità alla persona*, Milano, Franco Angeli, 2000, pp. 39-49 (with M. Cavazza Rossi).
- "Introduzione", in IDSE-CNR, *Trasformazioni strutturali e competitività dei sistemi locali di produzione. Rapporto sul cambiamento strutturale dell'economia italiana*, Milano, Franco Angeli, 1999, pp. 13-42 (with R. Zoboli).
- "Dinamica della struttura produttiva: I servizi", in IDSE-CNR, *Trasformazioni strutturali e competitività dei sistemi locali di produzione. Rapporto sul cambiamento strutturale dell'economia italiana*, Milano, Franco Angeli, 1999, pp. 89-127 (with N. De Liso, G. Cainelli, R. Zoboli).
- "Il monitoraggio delle politiche del lavoro in Emilia-Romagna: Primi elementi di analisi", in Regione Emilia-Romagna, *Istruzione, formazione, lavoro. Rapporto 1999*, Bologna, Regione Emilia-Romagna, 1999, pp. 593-606 (with G. Guidetti).
- Monitoraggio delle azioni per l'istruzione, la formazione, il lavoro. Anno 1998*, Bologna, Regione Emilia-Romagna, 1999, pp. 57 (with G. Cainelli, P. Gigante, C. Gregori, G. Guidetti, G. Marzano and A. Montini).
- "Introduzione", in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 15-34 (with N. De Liso).
- "Politiche attive del lavoro e fabbisogno di informazioni", in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 229-234 (with G. Cainelli).
- "Strategie di formazione e partecipazione: Un quadro di insieme", in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 269-273.
- "Fabbisogni formativi e mercati locali del lavoro", in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 302-310 (with N. De Liso).

- “Sostenibilità dei sistemi locali di produzione”, in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 391-395.
- “Una nuova proposta di classificazione macroeconomica delle politiche del lavoro”, in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 499-507.
- “Conclusioni”, in G. Antonelli and L. Paganetto (eds.), *Disoccupazione e basso livello di attività in Italia*, Bologna, Il Mulino, 1999, pp. 509-530.
- “Struttura produttiva e fabbisogno di risorse umane qualificate in Italia”, *Scuola Democratica*, July 1998, pp. 19.
- “Il problema della disoccupazione in Italia: come evitare impostazioni unilaterali”, *Economia Politica*, n. 2, Vol. XV, 1998, pp. 191-207.
- “Crescita economica, coesione sociale, sistema formativo”, *Rivista Italiana di Economia, Demografia e Statistica*, n. 4, Vol. LI, 1998, pp. 55-117.
- “Conclusioni”, in D. Schilirò (ed.), *Coordinamento della politica macroeconomica internazionale e occupazione*, Messina, Intilla Editore, pp. 215-247, 1998.
- “Cambiamento tecnologico e formazione in contesti economico-territoriali in trasformazione”, in Accademia Nazionale dei Lincei, *Sviluppo tecnologico e disoccupazione: Trasformazione della società*, Roma, Accademia Nazionale dei Lincei, 1998, pp. 259-292 (with M.A. Maggioni).
- “La specificità delle imprese *non profit* nella teoria economica”, in Roversi-Monaco F.A. (ed.), *Le fondazioni casse di risparmio*, Rimini, Maggioli Editore, 1998, pp. 169-226.
- Apertura dei mercati locali del lavoro e fabbisogni formativi delle imprese: Risultati di un’indagine campionaria nella Provincia di Forlì - Cesena, , Milano, Franco Angeli, 1998 (with G. Guidetti, R. Leoncini, M. Nosvelli, L. Pombeni and L. Zamparini).
- "*Qualità del sistema educativo in rapporto al sistema economico*", *Dynamis - Quaderni IDSE*, n. 10, 1995, pp. 69. A revised version with the title “Sistema formativo e crescita economica: Un’analisi empirica del sistema italiano” has been published in *Economia e Lavoro*, n. 1, Vol. XXXII, 1998, pp. 9-53 (with R. Leoncini and M. Nosvelli).
- “Imprese non-profit e politiche locali di sviluppo. Alcune evidenze empiriche dalla Provincia di Forlì-Cesena”, *Dynamis - Quaderni IDSE*, n. 1, 1998, pp. 37 (with G. Cainelli, M. Nosvelli and C. Notari).
- “Apertura dei mercati locali del lavoro e fabbisogno di risorse umane da parte delle imprese: Alcuni risultati di un’indagine campionaria nella Provincia di Forlì-Cesena”, *Memorie di Ricerca, IDSE-CNR*, Milano, November 1997, pp. 43 (with M. Nosvelli).

- “Cambiamento tecnologico e creazione/distruzione di capitale umano”, *Dynamis - Quaderni IDSE*, n. 8, 1995, pp. 39. An amended version with the title “Cambiamento tecnologico e capitale umano:Una introduzione“ has been published in *Economia e Lavoro*, nn. 3-4, Vol. XXXI, 1997, pp. 5-24 (with R. Leoni).
- “Formazione, competenze e lavoro in contesti economici in rapida evoluzione”, in P. Terna (ed.), *La formazione e il lavoro al tempo delle reti telematiche*, Torino, Rosenberg & Sellier, 1997, pp. 91-125 (with M.A. Maggioni).
- "An Appraisal of the Economic Analysis of Technological Change: The Path to the Last Decade", with N. De Liso (eds.), *Economics of Structural and Technological Change*, London, Routledge, pp. 1-51, 1997 (with N. De Liso).
- "Technical Change and Broad Production Factors", with N. De Liso (a cura di), *Economic Analysis of Structural Change and Technical Progress*, London, Routledge, pp. 86-106, 1997.
- "Some Notes on Structural and Institutional Change", Cozzi T. et al. (eds.), *Benessere, equilibrio e sviluppo. Studi in onore di Siro Lombardini*, Milano, Vita e Pensiero, 1996, Vol. III, pp. 1-34 (with N. De Liso).
- “Cambiamento tecnologico e creazione/distruzione di capitale umano”, *Dynamis - Quaderni IDSE*, n. 8, 1995, pp. 39 (with R. Leoni).
- “Paths of Technological Change, Markets for Production Factors and the Social Cost of Knowledge”, *Dynamis - Quaderni IDSE*, n. 6, 1995, pp. 34 (with G. Pegoretti).
- "Struttura industriale e opportunità di investimento in Albania", in G. Antonelli, G. Candela e A. Segrè, *Una regione oltre Adriatico: Albania*, *Dynamis - Quaderni IDSE*, n. 4, 1995, pp. 27-46
- "Risorse umane e modelli di capitalismo. Anomalie dell'Italia tra mercato e sistema", *Sociologia del Lavoro*, nn. 59-60, 1995, pp. 80-117 (with P. Pini).
- "System of Production and Technological Systems: An Analytical Approach", Working Paper n. 01.01, CNR Strategic Project on "Technological Change and Industrial Development", 1992, pp. 40 (with N. De Liso). Published in *Sviluppo Economico*, n. 0, 1995, pp. 23-44.
- "Dinamica economica-tecnologica e analisi fattuale storico-teorica: il caso delle biotecnologie", *Dynamis - Quaderni IDSE*, n. 4, 1990, pp. 97 (with N. De Liso). A revised version with the title “Alcune note per una analisi economica delle biotecnologie” has been published in Casadei E.(ed.), *Studi in onore di Enrico Bassanelli*, Milano, Giuffrè Editore, 1995, pp. 901-940.
- "Risorse umane e modelli di capitalismo", *Dynamis - Quaderni IDSE*, n. 11, 1994, pp. 18.
- "Creation and Destruction of Human Resources in the Process of Economic Growth: Some Thoughts on the Italian Experience", Working Paper n. 01.05, CNR Strategic Project on "Technological Change and Industrial Development", 1993, pp. 38 (with R. Leoncini).

Published in *International Journal of Technology Management*, Special Issue on Technology, Human Resources and Growth, Vol. 9, Nos 3/4, 1994, pp. 367-393.

- "Cambiamento tecnologico e crescita economica: nuove acquisizioni e quesiti aperti nella riflessione teorica", *Economia Politica*, n.2, Vol. X, August 1993, pp. 175-202.
- "Movimenti migratori e struttura produttiva. Una analisi degli effetti indotti e delle opzioni di politica economica in un semplice modello lineare", in Regione Emilia-Romagna - CNEL, *Il governo dei movimenti migratori in Europa: cooperazione o conflitto*, Napoli, Jovene Editore, 1993, pp. 139-163.
- "Struttura retributiva e costo del lavoro", in Regione Emilia-Romagna - CNEL, *Costo del lavoro, salario e garanzie del reddito*, Napoli, Jovene Editore, 1992, pp. 91-105.
- "Technological Change, Technological Systems, Factors of Production", in G. Pegoretti et al. (eds.), *Technological Change, Innovation and Economic Growth*, Berlin, Duncker & Humblot, 1992, pp. 307-346 (with G. Pegoretti). A slightly modified version is also published in *Annali Scientifici*, University of Trento, Vol. V, nos. 5-6, 1992-93, pp. 85-135.
- "Some Remarks Stemming from an Historical-Theoretical Analysis", *The Transition to Market Economy in Albania*, Dynamis - Quaderni IDSE, n. 13, 1992, pp. 1-16 (with R. Duka - G. Guidetti - R. Leoncini - L. Minxhozi - A. Nati - L. Ruggerone).
- "Economia del lavoro ed economia politica. Note in margine ad un recente convegno", *Economia Politica*, n. 3, Vol. VIII, December 1991, pp. 389-397.
- "Dinamica economico-tecnologica e analisi fattuale storico-teorica: il caso delle biotecnologie", *Dynamis Quaderni IDSE*, n° 4, 1990, pp. 97 (with N. De Liso)
- "Valore sociale, uso delle risorse ambientali, comportamenti di impresa", *Sinergie*, Vol. VIII, n. 21-22, 1990, pp. 77-89.
- "Principi, strumenti e modelli per la valutazione multipla delle foreste", *Materie Prime e Risorse Naturali - Temi di Ricerca*, Bologna, Nomisma, 1990, pp. 78 (with G. Pegoretti and R. Zoboli).
- "Sistemi economici, sistemi forestali, valore delle foreste", *Materie Prime e Risorse Naturali - Temi di Ricerca*, Bologna, - Nomisma, 1990, pp. 83.
- "Lavoro, tecnologia, ambiente nella dinamica economica strutturale", in A. Quadrio-Curzio - R. Scazzieri (eds.), *Dinamica economica strutturale*, Bologna, Il Mulino, 1990, pp. 183-202.
- "Struttura retributiva e teoria economica: alcuni problemi aperti", *Politiche del Lavoro*, n. 7, 1989, pp. 8-15.
- "Attività economica e ambiente: problemi e strumenti di analisi", *Materie Prime*, Vol. 7, 1988, pp. 98-111.

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- "Problemi e strumenti di analisi del cambiamento tecnologico", *Innovazioni tecnologiche e struttura produttiva: la posizione dell'Italia*, Bologna, Il Mulino, 1984, pp. 3-24.
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- "Processi formativi: proposta per un'indagine sulla spesa", *Scuola e Professione*, Vol.2, n. 5, September-October, 1974, pp. 352-369 (with A. Cammelli).
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- "Un modello economico riferito al mercato del lavoro qualificato per la valutazione della politica e della programmazione scolastica", *Quindicinale di Note e Commenti*, Vol. 8, n. 175, December, 1972, pp. 999-1045.

7. Forthcoming works

- “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).
- “Metamorfosi della famiglia in quanto organizzazione economica”, Facoltà di Giurisprudenza, Università di Bologna, mimeo November 2006.
- “Rapporto di ricerca su: Valutazione ex-ante, in itinere, ex-post dei progetti di sviluppo dell’Appennino Bolognese”, SDIC, March 2006 (in preparation, with G. De Prato).
- “Capitale umano, cambiamento tecnologico e innovazione”, paper presented at the Conference on “Investimenti in capitale umano: misurazione, implicazioni ed effetti”, ISFOL (Roma, 16 giugno 2005), Dipartimento di Scienze Economiche, Università di Bologna.
- “Principi economici nelle misurazioni di performane dell’istruzione universitaria”, in G. Vittadini (ed.), *Materiali del gruppo di lavoro sulla valutazione dell’università*, Bologna, Il Mulino (in preparation).
- To Honour Lakhdar Brahimi: The Awarding of the Laurea Honoris Causae in Law by the University of Bologna*, University of Bologna (fortcoming, with G. De Prato).
- Economia del lavoro*, Milano, Istituto Geografico De Agostini (fortcoming, with G. Guidetti).
- “Qualità, caratteristiche e modalità di accesso degli utenti finali alle informazioni microeconomiche di fonte ISTAT”, Report for the ‘Commissione per la Garanzia dell’Informazione Statistica’, Bologna Dipartimento di Scienze Economiche, 2005 (with G. Cainelli, G. Guidetti, C.N. Lauro, S. Montresor)
- “La consapevolezza dei cittadini che le sorti del loro sviluppo sono legate a quelle dello sviluppo globale”, paper presented at the Conference on “Le città per i diritti dei popoli”, Regione Emilia-Romagna (Bologna 14, September 2005)
- “The Historical Roots of the Bologna Law School and its New Orientation in the New Millennium”, Department of Economics, University of Bologna, 2005 (mimeo), Presented at the Taipei Conference on Comparative Law (Soochow University Law School, June 2005).
- “Rights, trade, international organisations and academia: A conceptual path to economic and institutional cooperation”, in G. Antonelli, G. De Prato (eds.), *To Honour Lakhdar Brahimi:*

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- “The transfer of economic institutions in development, transition and reconstruction processes”, in G. Antonelli, G. De Prato (eds.), *To Honour Lakhdar Brahimi: The awarding of the Laurea Honoris Causae in Law*, Department of Economics, University of Bologna, 2005 (in preparation, with A. Romagnoli).
- “Science and knowledge in the global economy: an outward strategy”, Department of Economics, University of Bologna, 2005, presented at the Science and Society Forum 2005 "*Science, society and the Lisbon Strategy*" (European Commission, Brussels, 9 - 11 March 2005)
- “The private sector role in economic development of the Afghan economy: the case of ICT”, Feasibility Study, Department of Economics, University of Bologna, October 2004.
- “Introduzione”, Session ‘*Organizzazione, Conoscenza, Produttività*’, XXXV Riunione Scientifica Annuale, SIE (Bologna, 22 October 2004) (with F. Malerba).
- “Effectiveness and efficiency of the school system: The economics of education contribution”, Department of Economics, University of Bologna, 2004 (mimeo).
- “Knowledge production and human resources in economic development”, EU Commission, “The Europe of Knowledge 2020: A vision for university-based research and innovation”, Liège 25 - 28 April 2004.
- “La famille comme organisation économique multidimensionnelle”, Department of Economics, University of Bologna, 2003 (mimeo).
- ”Analisi degli skill mediante una *learning function*”, Department of Economics, University of Bologna, 2003 (mimeo) (with M. Nosvelli).
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8. Other articles, mimeographed papers and notes

- “Situazione sempre più critica. Italia fanalino di coda”, *Artigianato e Piccola-Media Impresa*, N. 117, 2005, pp. 2-4.
- “Sostenibile e insostenibile. Uno sguardo sulla situazione socioeconomica mondiale. Economia, cooperazione e giustizia sociale”, UNICEF Conference on “Un bilancio che riguarda tutti” (Milano, 24 October 2005).
- “L'Italia nell'economia internazionale: i settori produttivi”, Scuola Superiore della Pubblica Amministrazione (Bologna, 26 maggio 2005)
- “Evaluation methods and quality control”, EU Tempus Project Seminar on “Reform of the Law Faculty Curriculum of the University of Sarajevo”, University of Bologna (Bertinoro, 29 April 2005).
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- “Note per un approfondimento dei profili economici della Costituzione Europea”, Workshop on “Sfide europee: Costituzione, diritti, economia”, I.T.C. “Crescenzi” and I.T.G. “Pacinotti” (Bologna, 2 February 2005).
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- “Ricerca e innovazione l'antidoto contro la recessione”, *Artigianato e Piccola-Media Impresa*, N. 170, 2003, pp. 2-4.
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- “Gustavo del Vecchio: uomo, intellettuale, economista”, in Mirri D. and Arieti S. (eds.), *La cattedra negata. Dal giuramento di fedeltà al fascismo alle leggi razziali nell'Università di Bologna*, Bologna, CLUEB, 2002.

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- “Sintesi di alcuni risultati del Progetto Strategico sulla disoccupazione in Italia”, Dipartimento di Scienze Economiche, Bologna, March, 1998, pp. 8.
- “Analisi e proposte di politica economica contro la disoccupazione”, *Ricerca e Futuro*, n. 8, 1998, pp. 36-41.
- “Externalities and structural change of the service sectors in Italy. Some empirical evidence from a new data set”, paper presented at the Workshop on “Conceptualising and measuring service innovation ”, ESRC Centre for Research on Innovation and Competition (CRIC), University of Manchester, 20-21 May 1998, pp. 35 (with G. Cainelli and C. Notari).
- “The unemployment problem in Italy: how to avoid partial approaches”, paper presented at the XV International Workshop on “*Unemployment and regional disparities in Europe: New approaches in regional employment policies*”, University of Reggio Calabria, 15-16 May 1998.
- “Sistemi locali di produzione, diffusione e caratteristiche delle imprese non profit. Idee per una iniziativa ADAPT nella Provincia di Forlì - Cesena”, IDSE-CNR, Milano, May 1998, pp. 74 (with G. Cainelli, M. Nosvelli and C. Notari).
- “Dimensione di impresa e struttura dell’occupazione”, paper presented at the XII National Conference of the Italian Association of Labour Economists (AIEL), Cagliari, October 1998, pp. 47 (with G. Guidetti).
- Special Issue on “Structural Change, Institutional Change, Models of Capitalism” dell’*International Journal of Technology Management*, Vol. XVII, 1998 (with M.A. Maggioni).

- “Externalities and structural change of the service sectors in Italy. Some empirical evidence from a new data set”, paper presentato nel Workshop su “Conceptualising and measuring service innovation”, CRIC, University of Manchester, 20-21 maggio 1998, pp. 35 (with G. Cainelli e C. Notari).
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- “Terzo settore e trasformazioni strutturali”, in Proceedings of the Conference on “Utilità sociale e non profit: Ruolo delle Fondazioni”, Centro Studi per la Ricerca e la Formazione sulle Fondazioni, Bologna, January, 1998, pp. 7.
- “Mercati del lavoro, valorizzazione delle risorse umane e spese per l’assistenza”, Department of Economics Science, Bologna, September, 1997, pp. 27.
- “Dimensione di impresa e struttura dell’occupazione”, Department of Economics Science, Bologna, September, 1997, pp. 47 (with G. Guidetti).
- “Apertura dei mercati locali del lavoro e fabbisogno di risorse umane da parte delle imprese: Alcuni risultati di un’indagine campionaria nella Provincia di Forlì-Cesena”, IDSE-CNR, Milano, November 1997, pp. 43 (with M. Nosvelli).
- “Comment” on E.S. Phelps semi-annual Report, “Enterprise and inclusion in the formal economy of Italy: The problems of high unemployment and stagnation”, IDSE-CNR, Milano, November 1997, pp. 10.
- “Mercati del lavoro, valorizzazione delle risorse umane e spese per l’assistenza”, Department of Economic Science, Bologna, September, 1997, pp. 27.
- “Disoccupazione: definizione, misurazione, interpretazione, politiche”, Faculty of Law, University of Bologna, May, 1997, pp. 23 (with G. Guidetti, P. Pini and L. Rossi).
- “Human Resources, Skills and European Industrial Economic Strategies”, Working Paper G-96/2, Centre on the Evolution in Eastern European Countries, University of Trento, pp. 13 (with N. De Liso).
- “Implicazioni della definizione economica di bene pubblico ai fini della privatizzazione”, SPISA, University of Bologna, November, 1995, pp. 10.
- “Risorse umane tra sistemi locali e sistemi tecnologici”, *Lavoro e Sicurezza Sociale*, Nuova Serie, n. 1, 1995, pp. 23-41.
- “Modelli di capitalismo e sistemi di formazione”, *ANP Notizie*, Nos. 3-4-5, 1995, pp. 47-56.
- “Ruolo delle risorse umane nella crescita economica”, *ANP Notizie*, Nos. 6-8, 1994, pp. 76-87.

- “Structural and Institutional Change in Different Models of Capitalism”, *Memorie di ricerca IDSE-CNR*, Milano, mimeo, December, 1994, pp. 14.
- "Effects of European Industrial Economic Strategies on Human Resources", University of Bologna, mimeo, December, 1994, pp. 10.
- "Technical Change and Economic Growth: Some Recent Acquisitions and Open Questions in the Economic Debate", *Memorie di ricerca IDSE-CNR*, Milano, mimeo, March, 1994, pp. 22 (with N. De Liso).
- "L'insegnamento dell'Economia Politica nella Facoltà di Giurisprudenza: natura della ricerca, rapporti con le discipline giuridiche e problemi della didattica", University of Bologna, mimeo, February, 1994, pp. 24.
- "Su alcune determinanti della competitività di sistema: sistema tecnologico, social capabilities, istituzioni e struttura economica", *Memorie di ricerca IDSE-CNR*, Milano, mimeo, 1993, pp. 16 (with N. De Liso).
- "The Transition Process in Albania: An Interpretative Analysis", *Memorie di ricerca IDSE-CNR*, Milano, mimeo, 1992, pp.42 (with G. Guidetti and R. Leoncini).
- "Natura ed effetti del cambiamento tecnologico: alcune considerazioni sulle capacità previsive della *Rerum Novarum*", *Vita e Pensiero*, Vol. LXXIV, N. 9, September, 1991, pp. 607-18.
- "Alcune riflessioni su problemi e prospettive delle relazioni tra il sistema universitario italiano e l'Europa", *Università Notizie*, Vol. IX, N. 1, 1991, pp. 18-22 (with A. Quadrio Curzio).
- "Economic and Social Impact of Biotechnology with a Special View to the Public Response and Government Policies to Facilitate the Public Involvement. Contribution by the Italian delegation", Genève, ECE-UN, mimeo, September, 1990, pp. 11.
- "Lavoro, tecnologia, ambiente" in C. D'Adda - R. Scazzieri (eds.), *Economia*, Milano, Garzanti Editore, 1990, pp. 160-72.
- "The Transition Process from an Industrial and Technological Society to a Scientific and Information Society. Contribution by the Italian delegation", Genève, ECE-UN, mimeo, September, 1989, pp. 5.
- "Review of Changes in R&D Policies and Agreements on Scientific and Technological Cooperation. Contribution by the Italian delegation", Genève, ECE-UN, mimeo, September, 1988, pp. 4.
- Contribution to the issue of the report by R. Rummo (ed.), “La ricerca scientifica e tecnologica in Italia”, Roma, MURST, mimeo, August, 1988, pp. 145.
- "Il sistema agro-tecnologico: una agenda di problemi aperti e di prospettive per l'indagine economica", Bologna, mimeo, September, 1986, pp. 25 (with A. Quadrio Curzio).

"Dopo i secoli delle vacche magre troppi frutti nei campi del mondo", *Mondo Economico*, N. 45, 1986, pp. 49-50 (with A. Quadrio Curzio).

"Agro-tecnologia a metà del guado", *Quarantacinque*, Vol. VIII, n. 11, November 1986, pp. 21 (interview by P. Romagnoli).

"Biomasse come combustibili. Materie prime agricole e innovazione tecnologica per l'energia", *Materie Prime e Risorse Naturali - Temi di Ricerca*, Bologna, Nomisma, 1984, pp. 23 (with R. Zoboli).

"Disoccupazione", "Economia del Benessere", "Mercato", entries in *Enciclopedia Sociologica Marzorati*, Milano, 1979.

"Formazione, lavoro e scelte familiari", *Analisi*, Vol. III, Nos. 6-7, June-July, 1979, pp. 76-77 (with A. Clementel).

"Le determinanti della distribuzione dei redditi da lavoro. Strumenti di analisi ed applicazioni al caso dell'Emilia Romagna", Department of Economics, University of Trento, mimeo, February, 1978, pp. 40.

"Partecipazione e democrazia per una scuola rinnovata dopo i Decreti delegati. Notiziario", *Scuola e Professione*, Vol. II, N. 6, November-December, 1974, pp. 528-538.

Referee for several scientific journals and adviser of various publishers.

Director of the economics series for the publisher Giappichelli, Torino.

Member of the scientific committee of the journals: *Autonomie Locali e Servizi Sociali* (Il Mulino), *Non Profit* (Maggioli Editore), *Persone, Imprese, Istituzioni* (UMES Edizioni).

Editor of the special number of *Economia del Lavoro*, nn.3 e 4, Vol. XXXI, 1997 publishing the proceedings of the X Annual AIEL Congress on "Cambiamento tecnologico e creazione/distruzione di capitale umano", (with R. Leoni).

Translator of several theoretical and applied works, e.g. the essays included in Harrod R.F., *Dinamica economica*, Bologna, Il Mulino, 1990 (with G. Pegoretti)

Periodic radiophonic and television interviews on specialist topics.

9. Participation in conferences, seminars, workshops and scientific meetings

- 2007 Discussant at the PRIN-MIUR Workshop on “New forms of labour division, infrastructures, internationalisation and local development: Economic policy outlooks”, Research Project PRIN-MIUR 2005, University of Lecce (Lecce, 26 - 27 January 2007).
- 2006 Speaker at the the Conference on “Orientamento, consulenza di carriera e accompagnamento al placement nel mercato del lavoro attuale”, CETRANS, Faculty of Psychology, Bologna University, Cesena Campus (Cesena, 19 December 2006).
Speaker at the distance learning Seminar on “Discrimination in labour markets”, Universities of Bologna, Firenze, Navarra and Pais Vasco (Bologna, 24 November 2006).
Speaker at the Seminar on “Economics of production and incomes policy”, METES Foundation (Bologna, 10 November 2006).
Chairman and speaker at the International Workshop on “Higher Education in Legal Studies and Professional Prospects for Law Graduates in Europe” and the Faculty Conference on “The Internationalization of the Faculty of Law”, Faculty of Law, Bologna University, (Bologna, 12-13 October 2006).
Speaker at the Round Table on “Il management delle università tra istanze di modernità ed efficacia e rispetto di regole giuridico-contabili, Ufficio Dirigenziale Sviluppo Risorse Umane, Bologna University (Bologna 9 October 2006).
Speaker at the Seminar on “Attività d’impresa e passaggio generazionale”, Faculty of Law, Bologna University, Ravenna Campus (Ravenna, 21 September 2006).
Discussant at the Conference on “La specializzazione territoriale del sistema produttivo italiano, Department of Statistics, University of Bologna (Bologna 29-30 May 2006).
Speaker at the Conference on “Lo sviluppo locale: Regole, strumenti, risorse”, Lecce University (Lecce 12-13 May 2006)
Presentation of the research report on “Valutazione ex-ante, in itinere, ex-post dei progetti di sviluppo dell’Appennino Bolognese”, Fondazione CARISBO (Bologna 6 April 2006)
Speaker at the Conference on “Dall’università al lavoro”, University of Roma “La Sapienza”, Inter University Consortium Alma Laurea (Roma, 23 febbraio 2006).
Speaker at the distance learning Seminar on “Change in the household as an economic organisation”, Universities of Bologna, Firenze, Navarra and Pais Vasco (Bologna, 25 November 2005).
- 2005 Speaker at the IRER Workshop on “Il capitale umano in Lombardia”, IRER (Milano, 12 December 2005)
Speaker at the Final Conference on “Dynamic capabilities, firm organization and local systems of production”, Research Project PRIN-MIUR 2003, University of Bologna (Bologna, 25 - 26 November 2005).
Speaker at the SARFaL Meeting on “Appropriate quality assessment for the production of knowledge in the field of legal and socio-economic studies”, Faculty of Law and Department of Economics, University of Bologna (Bologna, 18-19 November 2005).
Invited seminar on “Capitale umano, cambiamento tecnologico e innovazione”, University of Bari (Bari, 8 November 2006).
Speaker at the UNICEF Conference on “Un bilancio che riguarda tutti” (Milano, 24 October 2005).

Presentation of the book by Cafaggi F., *Reti d'impresa tra regolazione e norme sociali. Nuove prospettive tra diritto ed economia*, Bologna, Il Mulino, 2004 (Bologna, 18 October 2005).

Speaker at the IRER Workshop on "Il capitale umano in Lombardia", IRER (Milano, 6 October 2005)

Speaker and Co-chairman at the Conference on "Le città per i diritti dei popoli", Incontro pubblico con i rappresentanti dei popoli ospiti in regione, Regione Emilia-Romagna (Bologna, 14 September 2005).

Speaker at the Meeting on "Le fondazioni dall'origine bancaria ad oggi", Centro Studi sulle Fondazioni della Associazione Federativa delle Casse di Risparmio dell'Emilia-Romagna, (Bologna, 23 June 2005).

Speaker at the PRIN-MIUR Workshop on "Dynamic Capabilities between Firm Organisation and Local Production Systems", Università degli Studi del Piemonte Orientale (Novara, 20-21 June 2005).

Speaker at the Conference on "Investimenti in capitale umano: misurazione, implicazioni ed effetti", ISFOL (Roma, 16 giugno 2005).

Speaker at the International Conference on Comparative Law, Law School, Soochow University (Taipei, June 2005).

Speaker at the Seminar on "Economia applicata", Scuola Superiore della Pubblica Amministrazione (Bologna, 26 maggio 2005).

Speaker at the Seminar on "Politica economica, organizzazioni non profit e principio di sussidiarietà", Faculty of Law, University of Bologna (Bologna, May 2005).

Speaker at the EU Tempus Project Seminar on "Reform of the Law Faculty Curriculum of the University of Sarajevo", University of Bologna (Bertinoro 29 April 2005).

Speaker at the Science and Society Forum 2005 on "Science, society and the Lisbon Strategy" EU Commission (Brussels, 9 - 11 March 2005).

MIUR Workshop on "Dynamic Capabilities between Firm Organisation and Local Production Systems", University of Padova (Padova, 18-19 February 2005).

Speaker at the Workshop on "Sfide europee: Costituzione, diritti, economia", I.T.C. "Crescenzi" and I.T.G. "Pacinotti" (Bologna, 2 February 2005)

2004 Speaker at the Round Table on "Le fondazioni di origine bancaria: Problemi e prospettive", Accademia Nazionale dei Lincei (Roma, 26 novembre 2004).

"Effectiveness and efficiency of the school system: the economics of education contribution", Speech prepared for the Seminar on "Verso un quasi mercato? Problemi di governance, accountability and management delle istituzioni scolastiche", Faculty of Economics, University of Bologna (Bologna, 19 November 2004).

Coordination and introduction in the Round Table on "National Ownership and Transferability of Political, Legal and Economic Institutions in Conflict and Post-Conflict Situations: The Role of the United Nations and Academia", School of Development Innovation and Change, University of Bologna (Bologna, 4 November 2004).

Chairman and speaker at the session on "Organizzazione, Conoscenza, Produttività", XXXV Riunione Scientifica Annuale della SIE (Bologna, 22 October 2004) with F. Malerba.

Coordinator and speaker in the Conference on "Pluralismo scientifico e valutazione della ricerca economica", Società Italiana degli Economisti, Istituto Lombardo Accademia di Scienze e Lettere, CERIS CNR (Milano, 28 September 2004).

Speaker and Session Chairman at the 10th Meeting of the International Schumpeter Society, Bocconi University (Milano, 9-12 June 2004)

Discussant at the PRIN-MIUR Workshop on “Dynamic Capabilities between Firm Organisation and Local Production Systems”, University of Lecce (Lecce, 25-26 June 2004).

Speaker at the Conference on “Istituzioni, Governance e Sviluppo Locale”, Università di Foggia (Foggia, 4-5 June 2004)

Discussant at IREER Seminar on “Il capitale umano: definizione e metodi di misurazione”, IREER (Milano, 26 May 2004).

Speaker at the Seminar on “Mercato del lavoro e flessibilità”, Department of Economic Science, University of Bologna (Bologna, 25 May 2004).

Speaker at the Conference on “Knowledge production and human resources in economic development”, EU Commission, “The Europe of Knowledge 2020: A vision for university-based research and innovation” (Liège 25 - 28 April 2004).

Speaker at the Seminar on “Organizzazioni non profit e principio di sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2004).

Speaker at the Seminar on “Politica economica, livelli di governo e sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2004).

Member of the Expert Evaluator Pannel on “Understanding knowledge” under the Programme “Citizens and governance in knowledge based society” (Brussels, 1 - 5 March 2005).

Focus Group on “Firm Local Systems, Innovation and Technology”, Centro studi Confindustria (Milano, 5 March 2004).

2003 Discussant at the PRIN-MIUR Workshop on “Dynamic Capabilities between Firm Organisation and Local Production Systems”, University of Bologna (Bologna, 17 December 2003).

IV International Colloquium on “Globalisation, New Technologies and Economic Relations”, University of Brasilia (Brasilia, 4-5 December, 2003).

Session Chairman in the Conference on “Local Knowledge, Learning Processes and the Role of Institutions”, CRENOS, University of Cagliari (Cagliari 7-8 November 2003).

Speaker at the Semineat series on "Tendenze dell'economia", Istituto Italiano per gli Studi Filosofici (Napoli, 15 ottobre 2003)

Workshop on “Non Profit: Not a Sector but a Method”, Meeting (Rimini, 28 August 2003).

Member of the Expert Evaluator Pannel in the Programma Marie Curie European Fellowship (28 April – 31 December 2003).

Speaker at the Seminar on “Organizzazioni non profit e principio di sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2003).

Speaker at the Seminar on “Politica economica, livelli di governo e sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2003).

- 2002 Speaker at the PRIN-MIUR Workshop on “Local Systems, Social Capital, Economic Development: The Role of Knowledge”, Project on “Infrastructures, Competitiveness, Levels of Government: Knowledge and Development of the New Economy”, University of Trento (Trento, 13 December 2002).
 Discussant at the PRIN-MIUR Workshop on “Firm and Social Capital. Analysis, Theory and Economic Policy”, Project on “Infrastructures, Competitiveness, Levels of Government: Knowledge and Development of the New Economy”, University of Bologna (Bologna, 19 October 2003).
 Speaker at the Conference on “IV indagine AlmaLaurea sulla condizione occupazionale dei laureati. Indagine 2001”, Inter University Consortium Alma Laurea (Messina, 14 March 2002).
 Speaker at the Seminar on “Organizzazioni non profit e principio di sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2002).
 Speaker at the Seminar on “Politica economica, livelli di governo e sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2002).
- 2001 Series of Seminars on “Sussidiarietà e decentramento”, Consorzio Scuole Lavoro (Bologna, Novembre, 2001).
 Conference on “La Cattedra negata: dal giuramento di fedeltà al fascismo alle leggi razziali”, University of Bologna (Bologna, 12 June 2001).
 Speaker at the Seminar on “Organizzazioni non profit e principio di sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2001).
 Speaker at the Seminar on “Politica economica, livelli di governo e sussidiarietà”, Faculty of Law, University of Bologna (Bologna, March 2001).
 “Capitale umano e nuova economia reale”, Meeting on “Technology and new society”, Accademia Nazionale dei Lincei (Roma, 5-6 April 2001).
 Speaker at the Seminar on “Quale futuro per l’Università”, Faculty of Law, University of Bologna (Bologna, 3 April 2001).
 “Immigrazione: Scelta o condanna”, I mercoledì di Irnerio, Law Faculty, University of Bologna (Bologna, 21 February, 2001).
 Speaker at the PRIN-MURST Workshop on “Institutional Structures and Technological System”, Project on “Infrastructures, Competitiveness, Government’s Level: From the Italian to the European Economy”, University of Lecce (Lecce, 19-20 January 2001).
- 2000 Speaker at the Workshop “Cooperazione sociale e istituzioni: Analisi e prospettive in Lombardia, Seminario regionale su “Cooperazione sociale e sviluppo economico in Lombardia”, Regione Lombardia (Milano, 12 December 2000).
 Discussant in the Round Table “Entrare nel mondo del lavoro: Quali strategie?”, Salone dell’Orientamento (Forlì, 24-25 November 2000).
 Comment on the paper by K. Drake Seminar on "Education expansion, employment and labour markets", University of Toulouse (Toulouse, 9-10 November 2000).
 Discussant at the PRIN-MURST Workshop on "Infrastrutture, Territorio, Settori Produttivi", Project on “Infrastructures, Competitiveness, Government’s Level: From the Italian to the European Economy”, University of Verona (Verona, 16 October 2000).
 Speaker at the Seminar on “Formazione professionale e ruolo dei nuovi centri per l’impiego”, Provincia di Forlì-Cesena (Forlì, 10 October 2000).
 Speaker at the Convention on “Professioni legali, ruolo degli operatori giuridici e formazione del giurista“, Faculty of Law (Ravenna, 30 September 2000).

Introduction and conclusion, Workshop on “Monitoraggio e valutazione delle politiche del lavoro per una nuova economia”, Department of Economica (Bologna, 15 September 2000).
Speaker on “Innovation and human capital in the new real economy: Some evidence and interpretative hints”, XXXX Congress of the European Regional Science Association, Barcelona (29 August– 1 September 2000).

Discussant to the Conference on "Diffusione e caratteristiche dei gruppi di piccole e medie imprese nelle aree distrettuali. Dove va il distretto industriale?", Fondazione Giordano Dell'Amore e IDSE-CNR (Milano, 23 June 2000).

Comment on the papers of the Session on “Immigration and crime: Economic and sociological perspectives”, Fifth Biennial Conference “International Perspectives on Crime, Justice and Public Order”, John Jay College of Criminal Justice, University of Bologna (Bertinoro, 5 June 2000).

Speaker at the PRIN-MURST Workshop on "Sussidiarietà, Territorio e Livelli di Governo", Project on “Infrastructures, Competitiveness, Government’s Level: From the Italian to the European Economy”, Cattolic University of Milano (Milano, 26 May 2000).

Speaker on “L’Euro e il turismo”, Libera Università per Adulti e la Terza Età (Cervia, 6 March 2000).

Discussant at the Meeting on “Tecnologie informatiche e fonti amministrative nella formazione dei dati economici”, Department of Statistical Science (Bologna, 28-29 February 2000).

Discussant at the Seminar on “L’integrazione tra i sistemi nell’era dell’autonomia: Scuola e formazione”, Provincia di Forlì-Cesena (Forlì, 27 January 2000).

Co-chairman and concluding speaker at the Convention on “Le scienze sociali e la nuova crisi balcanica”, CNR (Roma, 27 June 2000).

1999 Speaker at the PRIN-MURST Workshop on “International division of labour and structural change in local economic systems”, Project on “Infrastructures, competitiveness, government’s levels: From the Italian to the European economy”, Department of Economics, University of Trento (17 December 1999).

Speaker at the Conference on “Institutions, human capital and development in Southern Italy” (Portici, 14 December 1999).

Speaker at the Conference of the Migration Council of the Emilia-Romagna Region (Rio de Janeiro, 29 November – 2 December).

Speaker at the Conference on “The local welfare system” (Forlì, 26 November 1999).

Presentation of the main results of the research project on “The growth of social cooperative firms in Lombardy”, IREF (Milano, 25 November 1999).

Preparatory meeting of the Conference of the Accademia Nazionale dei Lincei on “Technology and Society”(Roma, 5 November 1999).

XL Scientific Meeting of the Italian Economic Association (SIE) on "Education: Economics and Institutions” (Ancona, 29-30 October 1999).

Coordinator and Speaker on “International co-operation and local development” at the International Workshop of the School of Development, Innovation and Change (SDIC) (Bologna, 25-26 October 1999).

Conference and Round Table of the CNR Strategic Project on “Misure e parametri per la politica economica e sociale Sottoprogetto 2: Indicatori di capitale umano” (Roma, 23-24 June 1999).

Discussanta at the PRIN-MURST Workshop on “Industrial and compensation policies for development: from the local to the global level”, Project on “Infrastructures,

competitiveness, government's levels: From the Italian to the European economy", Department of Economics, University of Ferrara (30 April 1999).

Conference on "Autonomy and integration. Processes and experiences for school and vocational training" (Forlì, 27 April 1999).

Workshop on "A new methodology for monitoring labour policies at a regional level", Emilia-Romagna Region (Bologna, 16 April 1999).

Session coordinator of the international workshop on "Understanding the Labour Market. Models of Duration, Labour Market Histories, Job Search and Matching" (Venezia, 15-16 January 1999).

1998 Presentation of the First Annual Report on "Structural transformation, competitiveness and local production systems in Italy", IDSE-CNR (Milano, 18 December 1998).

Coordinator of the economic session in the First International Conference on "I servizi di pubblica utilità alla persona", Inter-University Research Center on Personal Public Services (CRISP) (Milano, 20 November 1998).

XXXIX Scientific Meeting of the Italian Economic Association (SIE) on "The Economics of Research" (Milano, 22- October 1998).

Coordinator of the session on "Education, growth and labour market", XIII National Conference of the Italian Association of Labour Economists (AIEL), (Trieste, 1-3 October 1998).

"Arriva l'Euro", Libera Università per Adulti e la Terza Età (Cervia, 5 ottobre 1998).

Discussant in the seminar on "Convergence of European labour markets: problems and toolboxes", XI International Congress of IIRA (Bologna, 24 September 1998).

Discussant at the X Villa Mondragone International Economic Seminar on "Unemployment in Europe before and after EMU", CEIS, University of Roma Tor Vergata (Roma Tor Vergata, 6-7 June 1998).

Workshop on "Conceptualising and measuring innovation in the service sector", ESRC Centre for Research on Innovation and Competition (CRIC), University of Manchester (Manchester, May, 1998).

Coordinator of the concluding conference of the CNR Strategic Project on "Unemployment and the Low Participation Rate in Italy: Specific Determinants and Appropriate Policies", CNR (Roma, 20 March 1998).

Speaker at the Conference on "Social utility and non profit: The role of foundations", Centro Studi per la Ricerca e la Formazione sulle Fondazioni (Bologna, 30 January 1998).

Coordinator of the workshop on the CNR Strategic Project on "Unemployment and the Low Participation Rate in Italy: Specific Determinants and Appropriate Policies", CNR (Roma, 16 January 1998).

1997 Discussant of the semi-annual Report by E.S. Phelps on "Enterprise and inclusion in the formal economy of Italy: The problems of high unemployment and stagnation", CNR (Roma, 24 November 1997).

Coordinator of the workshop on "Labour policies and educational policies", IDSE-CNR (Milano, 11 November 1997).

Presentation to the Italian Economic Association (SIE) of the CNR Strategic Project on "Unemployment and the Low Participation Rate in Italy: Specific Determinants and Appropriate Policies", CNR (Roma, 16 October 1997).

XII National Conference of the Italian Association of Labour Economists (AIEL), (Cagliari, 2-4 October 1997).

Coordinator of the workshop on “Social expenditure, economic compatibilities and growth model: Which are the main questions for the reformers?”, Department of Economics (Bologna, 29 September 1997).

Panel on “Is it convenient for Italy to enter the EMU?”, (Mirandola, 20 May 1997).

Discussant in the workshop on “The Economic Effects of Employment Regulation: What are the Limits?”, IDSE-CNR (Milano, 30 May 1997)

Discussant in the workshop on “Medium-long Term Dynamics of Industrial Employment in OECD Countries”, Ateneo Project, Department of Economics, University of Bologna (Bologna, 28 May 1997)

Session chairman at the 1997 International Conference of the Italian Association of Labour Economists (AIEL) on “International Macroeconomic Policy Coordination and Employment”, University of Messina (Messina, 22-23 May 1997)

Monday seminars, Department of Economics, Ca’ Foscari University of Venezia (Venezia, 12 May 1997) (with G. Pegoretti)

Workshop on “Thinking about the Works of the National Commission for the Analysis of Macroeconomic Constraints on Social Expenditure”, Ateneo Project, Department of Economics, University of Bologna (Bologna, 5 May 1997).

Conference on “A Prototype Youthstart – Janus”, Regione Emilia-Romagna (Bologna, 29 April 1997).

International Conference on “Training and the Labour Market: Prospects for Vocational Guidance”, Centro per le Transizioni al Lavoro e nel Lavoro (Cesena, 18-19 aprile 1997).

Conference on “EU Action Employment: Now, Horizon, Youthstart, Integra”, Provincia di Forlì-Cesena e Regione Emilia-Romagna (Forlì, 7 April 1997).

Conference on “The Evaluation of the Training System Effectiveness for its Understanding and Improvement”, Provincia di Forlì-Cesena (Forlì, 20 February 1997).

Discussant in the CIRFID Conference on “The Citizenship Income”, Faculty of Law, University of Bologna (Bologna, 24 January 1997).

International conference of the Accademia Nazionale dei Lincei on “Technological Development and Unemployment: the Change in Society”(Roma, 16-18 January 1997).

1996 Coordinator of the Workshop on “The Italian Economy and its International Position: A Reassessment of Employment Policies”, Ateneo Project, Department of Economics, University of Bologna (Bologna, 13 December 1996).

Coordinator of the Conference on “Employment, Local Labour Markets and Global Economic Change”, CNR Statagic Project on “Unemployment and the Low Participation Rate in Italy: Specific Determinants and Appropriate Policies” (Roma, 11 December 1996).

Conference of the Giorgio Rota Committee on “Training and Labour in the Age of Information Networks” (Torino, 23 November 1996).

XI National Conference of the Italian Association of Labour Economists (AIEL), University of Napoli (Napoli, October 1996).

HCM Conference on “Istitutional and Structural Change”, Polish Academy of Science (Warsaw, Jablonna 6-8 Sempteber 1996).

VIII Villa Mondragone International Economic Seminar on “Finance, Research, Education and Growth”, CEIS, University of Roma Tor Vergata (Mondragone, 25-27 June 1996).

Coordinator of the seminar series on “European Integration and German Unification” held by Ronald Schettkat (WZB, Berlin) at the Faculty of Law, University of Bologna (Bologna, 3-5 June 1996).

Workshop on “Economic Growth and Human Resources Formation” IDSE – CNR (Milano, 17 May 1996).

International Conference on “The Economic Reform in Albania: Its Present Reality and Perspectives”, University of Tirana (Tirana, 23 March 1996).

- 1995 Conference on "The Quality of the Educational System", CEASCO - ANP (Torino, 4 December 1995).
XI International Conference on “Input - Output Techniques”, (New Delhi, 27 November – 1 December 1995).
Speaker at the Conference on "A Region on the Other Side of Adriatic See", Chamber of Commerce (Rimini, 24 November 1995).
Speaker at the Workshop on "Public Services", University of Bologna, School of Administrative Law – SPISA (Bologna, 9 November 1995).
Scientific coordinator of the X Annual Conference of the Italian Association of Labour Economics (AIEL), University of Bologna (Bologna, 5-7 October 1995).
Summer Workshop on "Discontinuous Institutional Change and the Economic System: Theory and Evidence", EACES - Department of Economics, University of Trento (Castel Ivano, 8-13 July 1995).
Speaker at the Seminar on “Human Resources and Economic Development”, ANP (Bra, 21 April 1995).
Speaker at the Workshop on "Sustainable Development and Models of Capitalism", IDSE-CNR (Milano, 6 April 1995).
Speaker at the Conference on “School Autonomy and Innovation”, ANP (Venezia, 11 March 1995).
Workshop of the TESI project on “Social and Economic Transformation in Italy”, University of Ancona (Ancona, 13-14 January 1995).
- 1994 Workshop on "The Economic Analysis of Institutional and Structural Change as an Integrated Dynamic Process", Human Capital and Mobility Programme, IDSE-CNR (Milano, 16-17 December 1994).
Coordinator of the seminar series on "Concepts and Analytical Tools in Economic Dynamics", IDSE, Milano (Academic Years 1993 – 94).
Euroconference on "Industrial Economic Strategies for Europe Preparing for the Turn of the Century", Human Capital and Mobility Programme, University of Bologna (Forli, 2-3 December 1994).
Conference on "Educational Research Autonomy and School Development" (Firenze, 25 October 1994).
Session chairman at the VII World Conference of Social Economics, University of Verona (Verona, 3 August 1994).
Speaker at the Workshop on "Out of Equilibrium Analysis. Modelling and Simulation", CNRS-LATAPSES (Sophia Antipolis-Valbonne, 26-27 maggio 1994) (with N. De Liso).
Seminar on "Tecnological Change and Economic Growth: Some Recent Acquisitions and Open Questions in the Economic Debate", LATAPSES-CNRS (Sophia Antipolis-Valbonne, 10 March 1994) (with N. De Liso).
Seminar on "The Teaching of Economics in the Faculty of Law: The Nature of Research Activity, the Relationships with Law Subjects and the Educational Issues", University of Bologna (Bologna, 25 February 1994).

- Workshop of the CNR Strategic Project on "Tecnological Change and Industrial Development", CNR (Roma, 17 January 1994) (with N. De Liso).
- 1993 Speaker at the Workshop on "The Economic Analysis of Institutional and Structural Change as an Integrated Dynamic Process", Human Capital and Mobility Programme, University of Siena (Siena, 12-14 November 1993).
- Relation on workshop on topic "Economic Development and dualism in Italy", IDSE – CNR and Development Research Center of the Republic Popular Chinese (Milano, 21 September 1993).
- Coordinator of the round table on topic "The economic transition in Russia and the role of Europe", IDSE – CNR (Milano, 27 May 1993).
- Speaker at the Workshop on "Structural Dynamics, Trade Cycle and Employment", IDSE (Milano, 23 April 1993).
- Seminar on "Production System and Tecnological System", Department of Economics, University of Bologna (Bologna, 29 March 1993) (with N. De Liso).
- Coordinator of Research Unit on topic "System competitiveness and technological change", Strategic Project CNR on "Technological change and Industrial Development" (Academic Years 1992 – 94).
- 1992 XXXIII Scientific Meeting of the Italian Economic Association (SIE) on "New and Old Theories of Growth" (Roma, 30-31 October 1992).
- Workshop on "Systems of Innovation", EC Commission, University of Bologna and LATAPSES-CNRS (5-6 October 1992) (with N. De Liso).
- II EACES Conference on "Problems of Transforming Economies", University of Groningen (Groningen, 24-26 September 1992) (with R. Leoncini).
- Coordinator of the seminar on "Migrations and European Integration: the Position of Italy", University of Bologna – IDSE-CNR (Milano, 5-6 June 1992).
- Conference on "Governing Migration Flows in Europe: Cooperation or Conflict", Emilia-Romagna Region- CNEL (Bologna, 28-29 May 1992).
- Coordinator of the seminar series on "Research Programmes in Labour Economics", IDSE-CNR, Milano.
- Speaker at the Workshop on "Structural Dinamics, Trade Cycle and Employment", IDSE-CNR (Milano, 14 April 1992).
- Coordinator of the seminar series on "Theory of Production", IDSE-CNR (Milano, February-March 1992).
- 1991 Session chairman at the VI National Conference of the Italian Association of Labour Economists (AIEL), University of Bergamo (Bergamo, 10-11 October 1991).
- Speaker at the Conference on "Labour Cost, Real Earnings and Income Support", Emilia-Romagna Region - CNEL (Bologna 17-18 April 1991).
- Speaker at the SPES workshop on: "The Dynamics of Industrial Structural Change and International Integration in the EC", IDSE-CNR (Milano, 22-23 March 1991).
- Speaket at the Conference on "Research, Innovation and Economic Growth", University of Trento (Trento, 21-22 February 1991) (with G. Pegoretti).
- Session chairman at the international conference on "Underdevelopment and Migration", University of Verona (Verona, 14-16 February 1991).
- Conference on "The New Europe and the Italian University", USPUR - University of Ancona (Ancona, 4 February 1991).

- Speaker at the SPES workshop on "The Dynamics of Industrial Structural Change and International Integration in the EC", University of Bologna (Bologna, 18-19 January 1991).
- 1990 Speaker at the Seminar on "The Economic Analysis of New Materials", IDSE-CNR (Milano, 14-15 November 1990).
 Speaker at the Conference on "Firm and Environment", University of Napoli (Napoli, 18 June 1990).
 Speaker at the Seminar on "Technological Systems and Structural Dynamics", University of Trento (Trento, 7 April 1990).
 Speaker at the SPES workshop on "The Dynamics of Industrial Structural Change and International Integration in the EC", CEPREMAP (Parigi, 8-10 January 1990).
- 1989 International conference on "Economic Analysis, Structural Change and Technical Progress", IDSE-CNR (Milano, 23-24 November 1989).
 Speaker in the Work group on "Institutional Opportunities" of the International Conference on "Global Natural Resources Monitoring and Assesments: Preparing for the 21st Century", IUFRO – FAO (Venezia, 24-30 Sempfeber 1989).
- 1988 XXIX Scientific Meeting of the Italian Economic Association (SIE) on "Structural Economic Dynamics" (Roma, 27-28 October 1988).
 Seminar on "Comparative Agrarian Reforms in LDC", University of Bologna (Bologna, 20 May 1988).
- 1986 Coordinator of the international conference on "The Agro-Technological System towards 2000: a European Prospective" (Bologna, 18-20 May 1986).
- 1985 Speaker at the Conference on "Personal Income Distribution: Problems of Determination, Classification and Measurement", University of Brescia.
- 1983 Coordinator of the International Conference on "Technological Innovation and Production Structure: The Italian Case" (Milano, 2-3 December 1983).
 Co-chairman of the VIII Annual Colloquium on Economic Psychology of the International Association for Research in Economic Psychology, University of Bologna (Bologna, 8 July 1983).
- 1982 Speaker at the Seminar on "Segmentation and Equilibrium in Italian and Hungarian Labour Markets", University of Trento (Trento, 20 May 1982).
- 1980 Speaker at the International Conference on "Statistical Information on Education, Labour Market, and Youth Employment Policies" (Venezia 5-7 November 1980).
 Speaker at the VI World Congress of the International Economic Association on "Human Resources, Employment and Development" (Mexico City, 4-8 Agust 1980).
- 1979 Collaboration with the OECD-CERI Research on "Structure and Performance of University Education in Europe".

10. Other activities

2006

Member of the national selection committee for full professors confirmation in Economics, September 2006.

Member of the selection committee for full professorships at the University of Bari, Scientific Sector SECS/P-01 (Economics), January–March 2006.

2005

Member of the selection committee for associate professorships at the University of Padova, Scientific Sector SECS/P-01 (Economics), October-December 2005

Member of the national selection committee for full professors confirmation in Economics, October 2005.

Member of the selection committee for research fellows at the University of Foggia, Scientific Sector SECS/P-01 (Economics), January-March 2005.

2004

Member of the selection committee for full professorships at the Catholic University of Milano, Scientific Sector SECS/P-01 (Economics), July-October 2004.

Member of the evaluation panel on “Understanding knowledge” – FP6 (Bruxelles, 5 – 9 March 2004):

Teleconference with Confindustria (Bruxelles, 3th or 4th of March 2004)

2003

Member of the evaluation panel of Marie Curie Fellowships - FP6, Economic, Social and Human Sciences (Bruxelles, April 2003).

Member of the selection committee for associate professorships at the University of Foggia, Scientific Sector SECS/P-01 (Economics), March-April 2003.

2002

Member of the selection committee for full professorships at the University of Lecce, Scientific Sector SECS/P-01 (Economics), June–September 2002.

Member of the selection committee for research fellows at the University of Bologna-Ravenna campus, Scientific Sector SECS/P-01 (Economics), June-September 2002.

Advisor of the Regional government of Emilia-Romagna in the field of labour and training policies.

2001

Member of the selection committee for associate professorships at the University of Bari, Scientific Sector SECS/P-01 (Economics), June-September 2001.

Member of the selection committee for full professorships at the University of Padova, Scientific Sector SECS/P-01 (Economics), October 2000- February 2001.

Advisor of the Regional government of Emilia-Romagna in the field of labour and training policies.

2000

Member of Scientific Board “Sicurezza Urbana - Comune di Bologna” (December 2000).

Member of the selection committee for research fellows at the University of Bologna, Scientific Sector P01A (Economics), May-June 2000.

Member of the Association “Cesare Vivante” for promotion of studies in Law and Economics, (from March).

Advisor of the Regional government of Emilia-Romagna in the field of labour and training policies.

1999

Member of the Steering Committee on “Social sciences and the new Balkan crisis” of the National Research Council (CNR).

Member of the Selection Committee of the Collegio di Eccellenza, University of Bologna.

Member of the evaluation panel of Marie Curie Fellowships, Economic, Social and Human Sciences (Bruxelles 17-18 June 1999).

Member of the national selection committee for research fellow confirmation in Economics (1998-99).

Advisor of the Regional government of Emilia-Romagna in the field of labour and training policies.

1998

National coordinator of the MURST research project on “Infrastructures, competitiveness, government levels: From the Italian economy to the European economy”.

National coordinator of the research subproject on “Social welfare, market and labour policies”, CNR Strategic Project on “Italy and Europe: Governance and policies for the economic and social development”.

Member of the ISTAT Scientific Committee for the Statistic Report on Emilia-Romagna Region.

Member of the Selection Committee of the Post Doctorate Scholarships, University of Bologna.

Coordinator of the research project on “Monitoring Labour Policies in the Emilia-Romagna Region”, Department of Economic Sciences, University of Bologna.

Member of the national selection Committee of the Doctorate in Economics.

1997

Member of the Scientific Committee of the Project Janus I and II, AECA, Bologna.

National coordinator of the CNR research unit on “Social security, labour market and policies”, CNR Strategic Project, “L’Italia verso l’Europa: Governance e politiche per lo sviluppo economico e sociale” (from november).

Member of the Executive Committee of the “Associazione per la Promozione della Cultura delle Fondazioni”, Bologna (from June)

1996

National coordinator of the CNR Strategic Project “Unemployment and the low activity rate in Italy: Specific determinants and appropriate policies” (from November 1996 to december 1997).

Co-Coordinator of the Ateneo Project on “The Italian Economy and its International Position: A Reassessment of Welfare and Employment Policies”, Department of Economic Science, University of Bologna.

Member of the selection committee for research fellow at the University of Cagliari, Scientific Sector *P01* (Economics), June 1996.

Speaker at the International Conference on “The Economic Reform in Albania: Its present Reality and Perspectives”, University of Tirana (Tirana, 23 March 2006).

1996-1997

Member of Committee for the admission to the doctorate programme in “Economics and Istitution”, University of Bologna.

Collaboration with Regione Emilia-Romagna and ERVET on “Valutazione dell’efficacia occupazionale dei corsi di formazione del FSE”.

Member of the scienfic committee for Iniziativa Comunitaria Youthstart “Progetto regionale per la formazione professionale e l’inserimento lavorativo dei giovani nell’Unione Europea – Janus”.

1995-1997

Member of the selection commettee for research directorship, IDSE-CNR Milano.

Mission to the University of Asmara (Eritrea) in the framework of a cooperation programme with the University of Bologna (1-8 March 1995).

1993-1995

Member of the Economic and Social Sciences Experts Panel of the "Human Capital and Mobility" Programme, and the "Training and Mobility of Researchers" Programme, Economic Union.

1992-1995

Member of the national selection committee for full professorships, Group n. P0112 (Economics).

1992-1994

Scientific coordinator of the Unit on "Economic System's Competitiveness and Technological Change", CNR Strategic Project on "Technological Change and Industrial Development".

from 1994 Member of the "Royal Economic Society".

1993-1994

Member of the selection committee for research positions, Group n.P01 (Economics), Faculty of Economics, University of Pavia.

1992-1993

Member of the Technical-Scientific Committee of the Economical Observatory of Verona (December 1992- October 1993)

1992

Mission of study in Albania in the framework of a CNR research’s project on Albanian Economic System (Tirana, 8 – 15 february 1992).

1991

Member of the National Committee of Doctorate in “Economics”.

Member of the Executive Committee of the Italian Association of Labour Economists (AIEL).

1991-1992

Member of the committee for competition to research positions, Group 20 (Economics), University of Calabria, Faculty of Economics and Social Science.

1988-1989

Member of committee for assignment of study's prize "Giorgio Forti", University of Bologna

1989-1990

Member of the committee for the admission to the Doctorate Programme in "Structures and economic behaviour", University of Bologna.

1984-1990

Representative of the Italian Ministry for University and Scientific and Technological Research as Senior Adviser on Science and Technology in the Economic Commission for Europe, United Nations, Geneva.

1986-87

Member of the committee for the cultural initiative of the IX Centenary of University of Bologna.
Member of the selection committee for research positions, Group 20 (Economics), Faculty of Political Science, University Cattolica, Sacro Cuore, Milano.
Member of the selection committee for scholarship's assignment AROC, Department of Organization and Political System, University of Bologna.

from 1986

Member of the European Economic Association (EEA).

1985 1990

Local coordinator in different Universities of the national research project on "Technological Systems and Dynamic Structure".

from 1984

Member of Italian Economic Association (SIE).

1983-84

National Research Council (CNR) Representative in the Steering Committee of the European Science Foundation, Additional Activity "Migration".
Member of the selection committee for research positions, Group 20 (Economics), Faculty of Political Science, University of Firenze.
Member of the committee for competition to research positions, Group 20 (Economics), Faculty of Economics, University of Napoli.

1979-80

Collaboration with OCSE-CERI on "Structure and management of the University's teaching in Europe", comparative part referring to the University of Trento.

1977-82

Member of Technical and Scientific Board of the Quarterly journal on "*Economia, Istruzione e Formazione Professionale*".

1973-76

Member of the Editorial Board of the Journal "Scuola e Professione".