

**ALBERTO BUCCI's**  
**CURRICULUM VITAE ET STUDIORUM (CV)**  
(This Version: **January 2019**)

**CURRENT UNIVERSITY POSITIONS AND AFFILIATIONS**

11/2011 - Today	<b>Full Professor of Economics</b> Department of Economics, Management and Quantitative Methods (DEMM)	<b>University of Milan, Italy</b>
11/2011 - Today	<b>Research Fellow, CICSE</b> <i>Inter-Universities Center for Economic Growth and Development</i> (Centro Interuniversitario sulla Crescita e lo Sviluppo Economico)	<b>University of Pisa, Italy</b>
06/2013 - Today	<b>RCEA Senior Research Fellow,</b> ( <i>Rimini Center for Economic Analysis</i> )	<b>Wilfrid Laurier University, Waterloo (Canada)</b>
04/2018 - Today	<b>Research Fellow, CEIS</b> ( <i>Centre for Economic and International Studies</i> )	<b>University of Rome 'Tor-Vergata', Italy</b>
01/2015 - Today	<b>Scientific Director of the <i>Research Laboratory on Finance and Growth</i></b> (FinGro Lab – DEMM) <a href="http://www.financeandgrowth.unimi.it/">http://www.financeandgrowth.unimi.it/</a>	<b>University of Milan, Italy</b>

**PAST UNIVERSITY POSITIONS**

03/2005 – 11/2011	<b>Associate Professor of Economic Policy</b> Department of Economics, Management and Quantitative Methods	<b>University of Milan, Italy</b>
07/2001 - 03/2005	<b>Assistant Professor of Economic Policy</b> Department of Economics, Management and Quantitative Methods	<b>University of Milan, Italy</b>
09/2002 - 09/2012	<b>Extra-mural Research Fellow</b> Université catholique de Louvain, Département des Sciences Économiques	<b>Louvain-la-Neuve, Belgium</b>

## APPOINTMENTS

11/2016 – 10/2018                      **Member of the *National Commission* for the Qualification to the positions (Associate/Full) of Professor in Economics (*Public Economics*).**

## EDUCATION

09/2002                                      **Université catholique de Louvain**                                      **Louvain-la-Neuve, Belgium**  
Département des Sciences Économiques  
Ph.D. in Economics  
**Thesis:** “Essays on Human Capital, Technology, Market Power and Growth”  
**Thesis Committee:** B. Amable (Panthéon-Sorbonne, France), R. Boucekkine (CORE, Louvain-la-Neuve), D. de la Croix (CORE, Louvain-la-Neuve), J. Ruiz (Carlos III, Madrid), H. Sneessens (Dept. of Econ. Louvain-la-Neuve)

02/1999                                      **University of Ancona**                                      **Ancona, Italy**  
Department of Economics  
Ph.D. in Economics  
**Thesis:** “*Market Power and Long-Run Economic Growth*”  
(*This thesis has been mentioned by the Italian Society of Economists, SIE, as one of the five best Italian Ph.D. thesis in Economics defended in the academic year 1998/1999*)

09/1994 - 06/1995                      **Bocconi University**                                      **Milan, Italy**  
**M.Ec. – Master in Economics**

07/1993                                      **Bocconi University**                                      **Milan, Italy**  
Bachelor Degree in Economics

## TEACHING

### (Selected) GRADUATE COUSES

#### **Master in Economics, Université catholique de Louvain (Louvain-la-Neuve, Belgium)**

Département des Sciences Economiques

*Teaching Assistant* Advanced Macroeconomics. Academic year 1999/2000

#### **Master in Economics (CORIPE Piedmont, University of Turin)**

*Teaching Assistant* Microeconomics II (Industrial Organization) and Game Theory. Academic year 2000/2001

*Teaching Assistant* Macroeconomics I. Academic years 2000/2001 through 2004/2005

#### **Master in Economics (CORIPE Piedmont, University of Turin)**

Macroeconomics II - Teacher (*Matching models in the labor market; Real business cycle theory; Endogenous growth theory*) Academic years 2005/2006 through 2008/2009

**Master in Applied Econometrics (University of Pavia)**

Macroeconomics (*The Economics of Growth*). Academic year 2001/2002

**Ph.D. in Economics/LASER (Lombard Advanced School for Economic Research) - University of Milan**

Macroeconomics (*The Economics of Growth*). Since Academic year 2002/2003

**Advanced Macroeconomics (MEF – Master in Economics and Finance)**

(*Dynamic models of consumption; Dynamic models of investment; Exogenous and endogenous growth theory*)  
University of Milan. Since academic year 2017/2018

**Graduate School of Louvain, Ph.D. in Economics, Université catholique de Louvain (Louvain-la-Neuve, Belgium)**

Département des Sciences Economiques

*Research and Development (R&D)-based Growth*, Academic year 2007/2008, April 2008

**Ph.D. in Economics, University of York (UK)**

Department of Economics and Related Studies

*Endogenous Growth Theory: Some Selected Topics*, Academic year 2008/2009, May 2009

**Ph.D. in Economics, Polytechnic University of Ancona (Ancona, Italy)**

Department of Economics

*Endogenous Growth Theory: 'AK', Human Capital and Innovation*, Academic year 2012/2013, February 2013

*Growth Theory: 'Endogenous and Directed Technological Change*, Academic year 2013/2014, March 2014

*Endogenous Technological Change, Human Capital, Innovation, and Scale Effects*, Academic year 2014/2015, March 2015

*Fully-Endogenous and Semi-Endogenous Growth, and Human Capital (one and two-sectors models)*, Academic year 2018/2019, March 2019

## UNDERGRADUATE COURSES

**Microeconomics**

University of Milan. Academic year 2001/2002

**Macroeconomics**

University of Milan. Academic years 2002/2003 through 2007/2008

**Macroeconomics**

University of Bologna (at Rimini). Academic years 2002/2003 through 2004/2005

**Economics (Micro and Macroeconomics)**

University of Milan. Academic years 2008/2009 through 2013/2014

**Topics in Economic Analysis and Policy (Module I: The Economics of Growth)**

University of Milan. Academic years 2009/2010 through 2011/2012

**Economics of European Integration**

University of Milan. Academic years 2010/2011 through 2013/2014

**Microeconomics**

University of Milan. Academic year 2014/2015

**Economics of Growth**

University of Milan. Academic years 2014/2015 through 2016/2017

**Macroeconomics**

University of Milan. Since the academic year 2015/2016

**Macroeconomics**

University of Milan-Bicocca. Academic years 2015/2016 through 2017/2018

**Microeconomics**

Polytechnic University of Milan. Since Academic year 2018/2019

**(Selected) RESEARCH GRANTS*****Growth and Incentive Design***

Université catholique de Louvain (Louvain-la-Neuve, Belgium)

Département des Sciences Economiques

Project Coordinators: R. Anderson, F. Bloch, R. Boucekkine, D. de la Croix, P. Monfort, O. Scaillet and H. Sneessens.

08/1999 - 12/2002

***Income Distribution and Economic Growth***

Project Coordinator: N. Salvadori (University of Pisa)

12/2002 - 12/2004

***Population, Innovation, Human Capital and Growth***

Project Coordinator: O. Garavello (University of Milan)

12/2005 - 12/2007

***Structural Change, Dynamics and Economic Growth***

Project Coordinator: N. Salvadori (University of Pisa)

10/2011 - 10/2013

**(Selected) SEMINARS / CONFERENCES (since 2006)**

- 2018: University of Rome ‘Tor Vergata’ (invited seminar).
- 2017: *Royal Economic Society* Annual Conference (University of Bristol, UK).
- 2016: University of Turin (invited seminar); University of Maastricht (invited seminar); Karlsruhe Institute of Technology (KIT, Germany – invited seminar).
- 2015: Wien (*13<sup>th</sup> Viennese Workshop on Optimal Control and Dynamic Games*, 13–16 May 2015, invited by A. Prskawetz and K. Prettnner within the special session on: “*Endogenous Economic Growth and Population Dynamics*”); Cambridge, UK (*15<sup>th</sup> Annual SAET Conference – Society for the Advancement of Economic Theory*, 27–31 July 2015).
- 2014: Milan (DEMM seminar).

- 2013: Ancona (invited seminar); Livorno (Conference on “*Structural Change, Dynamics, and Economic Growth*”); Lisbon (PET–2013, *Association for Public Economic Theory* Annual Meeting); Rome (SIEDS, 50<sup>th</sup> Annual Meeting of the Italian Society for Economics, Demography and Statistics); RCEA (Annual Meeting of the Rimini Centre for Economic Analysis); MERIT (Maastricht, invited seminar).
- 2012: National Research University – Higher School of Economics of Economics (Saint Petersburg, 3 invited seminars); DEGIT XVII (*Dynamics, Economic Growth and International Trade*, Annual Meeting, Milan); Cagliari (invited seminar); Universitat de Barcelona (invited seminar); Florence (invited seminar).
- 2011: DEGIT XVI (*Dynamics, Economic Growth and International Trade*, Annual Meeting, Saint Petersburg).
- 2010: University of ‘Roma Tre’ (invited seminar); DEGIT XV (*Dynamics, Economic Growth and International Trade*, Annual Meeting, Frankfurt); Essen (Annual Meeting of the *European Society for Population Economics*, ESPE); Universitat de Barcelona (invited seminar).
- 2009: Sassari (invited seminar); DEGIT XIV (*Dynamics, Economic Growth and International Trade*, Annual Meeting, UCLA, Los Angeles).
- 2008: Kyoto (6<sup>th</sup> International Conference on Economic Theory - “*Market Quality Dynamics*”, invited presentation).
- 2007: Chicago (Annual Meeting of the *European Society for Population Economics*, ESPE).
- 2006: Amsterdam (33<sup>rd</sup> *EARIE Conference*); DEGIT XI (*Dynamics, Economic Growth and International Trade*, Annual Meeting, Jerusalem, Hebrew University); Kiel (Workshop on “*Innovation, R&D and Adoption of New Technology*”).

## REFEREING ACTIVITY (ACADEMIC SCIENTIFIC JOURNALS)

*B.E. Journal of Macroeconomics* (BEJM); *Bulletin of Economic Research* (BoER); *Canadian Journal of Economics* (CJE); *Economia Politica*; *Economic Inquiry*; *Economic Modelling*; *Economics Bulletin* (EB); *Economics Letters* (EL); *International Journal of Manpower* (IJM); *International Review of Economics*; *Italian Economic Journal*; *Journal of Developing Areas* (JDA); *Journal of Development Economics* (JDE); *Journal of Economic Behaviour and Organization* (JEBO); *Journal of Economic Dynamics and Control* (JEDC); *Journal of Economic Growth* (JoEG); *Journal of Economic Inequality* (JoEI); *Journal of Economics* (JE); *Journal of Evolutionary Economics* (JEE); *Journal of Macroeconomics*; *Journal of Mathematical Economics* (JME); *Journal of Optimization Theory and Applications* (JOTA); *Journal of Population Economics* (JoPE); *Journal of Public Economic Theory* (JPET); *Macroeconomic Dynamics* (MD); *Mathematical Modelling of Natural Phenomena* (MMNP); *Mathematical Social Science* (MSS); *Metroeconomica*; *Natural Resource Modeling* (NRM); *North American Journal of Economics and Finance* (NAJEF); *Papers in Regional Science* (PIRS); *Politica Economica*; *Population Research and Policy Review* (POPU); *Public Choice*; *Recherches Économiques de Louvain* (REL); *Research in Economics*; *Review of Development Economics* (RDE); *Rivista di Politica Economica* (RPE); *Rivista Internazionale di Scienze Sociali*; *Rivista Italiana degli Economisti* (RIE); *The Manchester School*.

## REFEREEING ACTIVITY (INTERNATIONAL ACADEMIC BOOKS)

- *Old and New Growth Theories: An Assessment*, N. Salvadori (Ed. by), Edward Elgar, Cheltenham, UK and Northampton, MA, USA (2003)
- *Innovation, Unemployment and Policy in the Theories of Growth and Distribution*, R. Balducci and N. Salvadori (Ed. by), Edward Elgar, Cheltenham, UK and Northampton, MA, USA (2005)

## OTHER SCIENTIFIC ACTIVITIES

- Karlsruhe Institute of Technology – *KIT* (Germany)  
Visiting Scholar (June 2016)
- University of Hohenheim (Germany);  
Visiting Scholar (April 2016)
- National Research University – Higher School of Economics  
*Center for Market Studies and Spatial Economics* (MSSE), Saint Petersburg, Russian Federation  
Visiting Scholar (September – October 2012)
- University of York (UK), Department of Economics and Related Studies  
Visiting Scholar (May 2009)
- Université catholique de Louvain (Louvain-la-Neuve, Belgium), *Département des Sciences Economiques*  
Visiting Scholar (June/July 2005; July 2006; September 2006; April 2007; September 2007; April/  
May 2008; June/July 2009; October 2009; June 2010)
- External Supervisor of the Ph.D. Thesis of Luca Spinesi on *Innovation, Scale Effects and Economic Growth*  
(Ph.D. in Economics, University of Rome ‘La Sapienza’)  
Supervisor: Professor G. Cozzi  
Academic year 2002-2003
- External Supervisor of the Ph.D. Thesis of Carmelo Parello on *Protection of Intellectual Property Rights, Innovation, Imitation, Competition and Growth* (Ph.D. in Economics, University of Rome ‘La Sapienza’)  
Supervisor: Professor G. Cozzi  
Academic year 2003-2004
- Invited member of the Thesis Committee of Luca Spinesi on *Institutions, Innovation, and Growth*  
(Ph.D. in Economics, Université catholique de Louvain, Louvain-la-Neuve, Belgium)  
Supervisor: Professor R. Boucekkine  
Thesis Committee: P. Belleflamme (CORE, Louvain-la-Neuve); R. Boucekkine (CORE, Louvain-la-Neuve);  
A. Bucci (University of Milan); G. Cozzi (University of Rome “La Sapienza”);  
F. Docquier (IRES, Louvain-la-Neuve)  
Academic year 2006-2007
- Invited member of the Thesis Committee of Antonio Minniti on *Product Market Power, R&D and Growth*  
(Ph.D. in Economics, Université catholique de Louvain, Louvain-la-Neuve, Belgium)  
Supervisor: Professor R. Boucekkine  
Thesis Committee: R. Amir (Arizona State University, USA); R. Boucekkine (CORE, Louvain-la-Neuve);  
A. Bucci (University of Milan); C. d’Aspremont (CORE, Louvain-la-Neuve);  
V.J. Vannetelbosch (CORE, Louvain-la-Neuve)  
Academic year 2006-2007

- Invited member of Marcella Marinelli's Ph.D. Thesis Evaluation Committee on *Innovation and Economic Growth: the Impact of the Difficulty Index on the inter-sectoral Productivity Differences* (Ph.D. in Economics, University of Rome 'La Sapienza').  
Supervisor: Professor G. Cozzi  
Thesis Committee: A. Bucci (University of Milan); F. Busato (University of Napoli, 'Parthenope');  
G. Ciccarone (University of Rome, 'La Sapienza')  
Academic year 2006-2007
- Invited member of the Ph.D. Thesis Evaluation Committee of the University of Ancona (Ph.D. in Economics).  
Thesis Committee: A. Bucci (University of Milan); F. Fiorillo (University of Ancona);  
G. Rampa (University of Pavia)  
Academic year 2007-2008
- Invited member of the Ph.D. Thesis Evaluation Committee of the University of Turin (Ph.D. in Economics).  
Thesis Committee: A. Bucci (University of Milan); M. Ferrero (University of East Piedmont);  
R. Golinelli (University of Bologna)  
Academic year 2008-2009
- Invited member of the Ph.D. Thesis Evaluation Committee of the Catholic University of the Sacred Heart (Ph.D. in Economics, Piacenza).  
Academic year 2010-2011
- Invited member of the Ph.D. Thesis Evaluation Committee of the University of Pavia (Ph.D. in Economics).  
Academic year 2011-2012
- Invited member of Ilaria Tedesco's Ph.D. Thesis Evaluation Committee on *Three Essays on Development Macroeconomics* (Ph.D. in Economics, University of Rome 'Tor Vergata').  
Supervisor: Professor A. Pelloni  
Thesis Committee: A. Bucci (University of Milan); T. Stengos (University of Guelph, Canada);  
G. Trovato (University of Rome 'Tor Vergata')  
Academic year 2012-2013
- Invited member of Fabrizio Valenti's Ph.D. Thesis Committee on *Essays on Growth* (Ph.D. in Economics, University of Rome 'Tor Vergata').  
Supervisor: Professor A. Pelloni  
Thesis Committee: A. Bucci (University of Milan); T. Stengos (University of Guelph, Canada);  
R.J. Waldmann (University of Rome 'Tor Vergata')  
Academic year 2014-2015
- Invited member of Alessandra Marcelletti's Ph.D. Thesis Committee on *Essays on Corruption* (Ph.D. in Economics, University of Rome 'Tor Vergata').  
Supervisor: Professor G. Trovato  
Thesis Committee: A. Bucci (University of Milan); F. Lagona (University of Roma Tre);  
R. Rocci (University of Rome 'Tor Vergata')  
Academic year 2014-2015
- Invited member of the Thesis Committee of Anne von Gässler on *Education in Times of Population Ageing* (Ph.D. in Economics, Maastricht University, Maastricht, The Netherlands)  
Thesis Committee: T. Azomahou (University of Maastricht); A. Bucci (University of Milan); K.-J. Koch (University of Siegen); J. Muysken (University of Maastricht)  
Academic year 2015-2016
- Invited member of the Committee for a position of *Associate Professor of Economics* at the *Department of Economic Theory, Universitat de Barcelona* (Spain)  
Academic year 2016-2017

- Invited member of Irene Sanchez Arjona's Ph.D. Thesis Committee on *Essays on Financial Networks and Systemic Risk* (Ph.D. in Economics, University of the Sacred Heart, Milan).  
Supervisor: Professor D. Delli Gatti  
Thesis Committee: A. Bucci (University of Milan); A. Palestrini (Polytechnic University of Marche);  
G. Ricchiuti (University of Florence)  
Academic year 2016-2017 (May 2017)
- Invited member of the Committee for a position of *Assistant Professor of Economics* (RTD-B) at the *Department of Economics*, Polytechnic University of Milan (Italy)  
Academic year 2018-2019 (December 2018 – January 2019)
- Invited member of the Committee for a position of *Assistant Professor of Economics* (RTD-A) at the *Department of Economics*, University of Sassari (Italy)  
Academic year 2018-2019 (December 2018 – January 2019)
- Invited member of the Committee for a position of *Assistant Professor of Economics* (RTD-B) at the *Department of Economics*, University of Cagliari (Italy)  
Academic year 2017-2018 (December 2017)
- Invited member of the Committee for a position of *Associate Professor of Economics* at the *Department of Economics*, University of Pisa (Italy)  
Academic year 2017-2018 (December 2017 – May 2018)
- Co-supervisor (joint with Xavier Raurich, Universitat de Barcelona) of José Luis Garrido (Ph.D. in Economics, Universitat de Barcelona)
- Thesis supervisor of Spirydon Boikos, Ph.D. holder (University of Milan, DEMM, February 2013)
- Thesis supervisor of Levent Eraydin, Ph.D. holder (University of Milan, DEMM, February 2015)
- Thesis supervisor of Annarita Baldanzi, Ph.D. candidate (University of Milan, DEMM, September 2015)
- Member of the Scientific Committee of the “*First Milan Workshop on Dynamics, Optimal Growth and Population Change: Theory and Applications*” (Milan, 18<sup>th</sup> and 19<sup>th</sup> September 2008). Scientific Committee: Noël Bonneuil (Ined-Ehess, France); Raouf Boucekkine (Catholic University of Louvain, Belgium); Alberto Bucci (University of Milan, Italy); Christian Ghiglino (University of Essex, UK); Natali Hritonenko (Prairie View A&M University, USA); Cuong Le Van (Université Paris 1, France); Kazuo Nishimura (Kyoto University, Japan); Vladimir Veliov (Vienna University of Technology, Austria); Yuri Yatsenko (Houston Baptist University, USA).
- Member of the Scientific and Organizing Committee of the *XVII<sup>th</sup> annual meeting of the DEGIT (Dynamics, Economic Growth and International Trade) Conference*, Milan, September 13-14, 2012. Other members of the Scientific Committee include: E. Gundlach (GIGA and Hamburg University, Germany), B. Jensen (University of Southern Denmark, Denmark), T. Palokangas (HECER and University of Helsinki, Finland; IIASA, Austria).
- Member of the Scientific Committee of the Conference on *Structural Change, Dynamics, and Economic Growth*, Livorno (Italy), September 12-14, 2013. Other members of the Scientific Committee include: C. Azariadis (Washington University in Saint Louis), R. Boucekkine (Aix-Marseille School of Economics), R. Ngai (London School of Economics), N. Salvadori (University of Pisa).
- Member of the Scientific Committee of the Conference on “*Finance and Economic Growth in the Aftermath of the Crisis*”, Milan (Italy), 11-13 September, 2017. Scientific Committee: Costas Azariadis (Washington University, St. Louis, USA); Alberto Bucci (University of Milan, Italy); Guido Cozzi (University of St. Gallen, Switzerland); Herbert Dawid (University of Bielefeld, Germany); Domenico Delli Gatti (University of the Sacred Heart, Milan, Italy); Mauro Gallegati (Polytechnic University of Marche); Stefano Neri (Bank of Italy); Alberto Russo (Polytechnic University of Marche).



- Referee for the *Austrian Academy of Sciences* (“*New Frontiers Research Groups Programme*”), field: Demography and Economic Growth (31/01/2014 through 05/11/2014).
- *Guest-Editor* (with prof. Alberto RUSSO) of a special Issue of the *Journal of Economic Behavior & Organization* titled: ‘*Finance and Long-Term Growth: Economic Modelling and Evidence*’ (forthcoming, 2018)
- *Guest-Editor* (with prof. Costas AZARIADIS) of a special Issue of the *Journal of Macroeconomics* titled: ‘*Finance and Economic Growth in the Aftermath of the Crisis*’ (forthcoming, 2018)
- *Guest-Editor* (with prof. Guido COZZI) of a special Issue of *Macroeconomic Dynamics* (title to be announced, forthcoming, 2018/2019)

**ALBERTO BUCCI's**  
**LIST OF PUBLICATIONS AND RESEARCH INTERESTS**  
(January 2019)

**ARTICLES IN REFEREED ACADEMIC JOURNALS**

- 1) **Struttura del Mercato del Credito e Crescita di Lungo Periodo: Una Rassegna dei Principali Contributi** (in Italian). *Il Risparmio*, Vol. XLVI, n. 3 (May-June), 1998, pp. 443-72.
- 2) **On Scale Effects, Market Power and Growth when Human and Technological Capital are Complements.** *International Review of Economics*, 48(1), March 2001, pp. 21-47.
- 3) **Horizontal Innovation, Market Power and Growth.** *International Economic Journal*, 17(1), Spring 2003, pp. 57-82.
- 4) **R&D, Imperfect Competition and Growth with Human Capital Accumulation.** *Scottish Journal of Political Economy*, 50(4), September 2003, pp. 417-39.
- 5) **Can Market Power influence Employment, Wage Inequality and Growth?** (joint with F. Fiorillo and S. Staffolani). *Metroeconomica*, 54(2-3), 2003, pp. 129-60.
- 6) **Crescita e Disuguaglianza nei Redditi a Livello Mondiale** (joint with D. Checchi, in Italian). *Rivista Italiana degli Economisti*, 8(1), 2003, pp. 57-95.
- 7) **L'Investimento in Sponsorizzazione delle Imprese: Un'Analisi Economica in Termini Statici e Dinamici** (joint with M. Castellani and P. Figini, in Italian). *Rivista di Politica Economica*, May-June 2003, n. 5-6, pp. 183-223.
- 8) **Potere di Mercato e Crescita Economica Aggregata nei Modelli con Innovazione Tecnologica Endogena** (in Italian). *Giornale degli Economisti e Annali di Economia*, 62(2), October 2003, pp. 241-91.
- 9) **Dinamica Demografica, Capitale Umano e Crescita Economica: Dalla Teoria all'Evidenza Empirica** (joint with M. Bratti and E. Moretti, in Italian). *Rivista Italiana degli Economisti*, 9(2), 2004, pp. 187-224.
- 10) **Monopoly Power in Human Capital-based Growth.** *Acta Oeconomica*, 55(2), 2005, pp. 121-50.
- 11) **Economic Growth in an Enlarged Europe: the Human Capital and R&D Dimensions.** *Economia Pubblica*, 35(4), 2005, pp. 65-91.
- 12) **An Inverted-U Relationship between Product Market Competition and Growth in an Extended Romerian Model.** *Rivista di Politica Economica*, 95(9-10), September-October 2005, pp.177-205. Special issue on: "Intellectual Property, Competition and Growth" (Ed. by R. Cellini and G. Cozzi).
- 12bis) **An Inverted-U Relationship between Product Market Competition and Growth in an Extended Romerian Model.** Also published in 'Central Issues in Contemporary Economic Theory and Policy', R. Cellini and G. Cozzi (Eds.), Palgrave Macmillan, 2007.
- 13) **Population Growth in a Model of Economic Growth with Human Capital Accumulation and Horizontal R&D.** *Journal of Macroeconomics*, 30(3), 2008, pp. 1124-47.

- 14) **Competition and R&D Investment in Human Capital-driven Growth.** *Politica Economica*, 24(2), 2008, pp. 235-65.
- 15) **Horizontal Innovation-based Growth and Product Market Competition** (joint with C.P. Parello). *Economic Modelling*, 26(1), 2009, pp. 213-21.
- 16) **Population and Economic Growth with Physical and Human Capital Investments** (joint with D. La Torre). *International Review of Economics*, 56(1), 2009, pp. 17-27.
- 17) **Scale Effects, Savings, and Factor Shares in a Human Capital-based Growth Model with Physical Capital Accumulation.** *International Economic Journal*, 2009, 23(3), 2009, pp. 291-307.
- 18) **Transitional Dynamics in the Solow-Swan Model with AK Technology and Logistic Population Change** (joint with L. Guerrini). *The B.E. Journal of Macroeconomics*, Vol. 1, Issue 1, Article 43 (Topics), 2009.
- 19) **Population in Factor Accumulation-based Growth.** *Rivista Italiana degli Economisti*, 15(1), 2010, pp. 33-67.
- 20) **Stochastic Technology Shocks in an Extended Uzawa-Lucas Model: Closed-Form Solution and Long-Run Dynamics** (joint with C. Colapinto, M. Forster and D. La Torre) *Journal of Economics*, 103(1), pp. 83-99, 2011.
- 21) **Parameter Identification, Population and Economic Growth in an Extended Lucas and Uzawa-Type Two Sector Model** (joint with H.E. Kunze and D. La Torre). *Nonlinear Studies*, 18(2), pp. 211-228, 2011.
- 22) **Culture and Human Capital in a Two-Sector Endogenous Growth Model** (joint with G. Segre) *Research in Economics*, 65(4), December 2011, pp. 279-293.
- 23) **Government Spending and Growth in Second-Best Economies** (joint with M. Florio and D. La Torre) *Economic Modelling*, 29(3), May 2012, pp. 654-663.
- 24) **On the Interaction between Public and Private Capital in Economic Growth** (joint with C. Del Bo) *Journal of Economics*, 106(2), June 2012, pp. 133-152.
- 25) **Public Capital, Private Capital, and Economic Growth** *Rivista Internazionale di Scienze Sociali* (RISS), 120(2), April-June 2012, pp. 149-179.
- 26) **Returns to Specialization, Competition, Population, and Growth** *Journal of Economic Dynamics and Control*, 37(10), October 2013, pp. 2023-2040.
- 27) **Non-Monotonicity of Fertility in Human Capital Accumulation and Economic Growth** (joint with S. Boikos and T. Stengos) *Journal of Macroeconomics*, 38 (Part A), December 2013, pp. 44-59.
- 28) Book Review: **“Public Capital, Growth and Welfare: Analytical Foundations for Public Policy”** (by P.-R. Agénor, Princeton, New Jersey: Princeton University Press, 2013) *Journal of Economics*, 110(3), November 2013, pp. 297-301.
- 29) **Smart Endogenous Growth: Cultural Capital and the Creative Use of Skills** (joint with P.L. Sacco and G. Segre) *International Journal of Manpower*, 35(1-2), May 2014, pp. 33-55.

- 30) **Population, Competition, Innovation and Economic Growth with and without Human Capital Investment**  
*International Review of Economics*, 61(1), April 2014, pp. 61-84.
- 31) **Product Proliferation, Population, and Economic Growth**  
*Journal of Human Capital*, 9(2), Summer 2015, pp. 170-197.
- 32) **Population and Economic Growth under Different Growth Engines** (joint with X. Raurich, Universitat de Barcelona, Spain)  
*German Economic Review*, 18(2), 2017, pp., 182-211.
- 33) **Horizontal Differentiation and Economic Growth under Non-CES Aggregate Production Function** (joint with V. Matveenko, NRU-HSE, Saint Petersburg, Russian Federation)  
*Journal of Economics*, 120(1), 2017, pp., 1-29.
- 34) **On the (Non-Monotonic) Relation between Economic Growth and Finance** (joint with S. Marsiglio, School of Accounting, Economics and Finance, University of Wollongong, Australia, and C. Prettnner, Dept. of Economics, Vienna University of Economics and Business, Austria)  
*Macroeconomic Dynamics*, 2019 (forthcoming)
- 35) **Financial Development and Economic Growth: Long Run Equilibrium and Transitional Dynamics** (joint with S. Marsiglio, School of Accounting, Economics and Finance, University of Wollongong, Australia)  
*Scottish Journal of Political Economy*, 2019 (forthcoming)
- 36) **Dilution Effects, Population Growth and Economic Growth under Human Capital Accumulation and Endogenous Technological Change** (joint with L. Eraydin, Karlsruhe Institute of Technology, and M. Müller, Karlsruhe Institute of Technology).  
*Journal of Macroeconomics*, 2019 (forthcoming)
- 37) **Financial Contagion and Economic Development: An Epidemiological Approach** (joint with D. La Torre, University of Milan, D. Liuzzi, University of Cagliari, and S. Marsiglio, University of Wollongong, Australia).  
*Journal of Economic Behavior & Organization, JEBO*, 2019 (forthcoming)
- 38) **Children's Health, Human Capital Accumulation and R&D-based Economic Growth** (joint with A. Baldanzi, University of Milan, and K. Prettnner, Vienna University of Technology and University of Hohenheim, Germany)  
*Revised & Re-Submitted*
- 39) **Variety, Competition, and Population in Economic Growth: Theory and Empirics** (joint with L. Carbonari, University of Tor Vergata, Rome, and Giovanni Trovato, University of Tor Vergata, Rome)  
*Revised & Re-Submitted*

## ARTICLES IN COLLECTIVE VOLUMES

- 40) **Market Power, Unemployment, Wage Inequality and Growth** (joint with F. Fiorillo and S. Staffolani). In *Income Distribution, Growth and Employment*, Edited by R. Balducci and S. Staffolani, Series of Labor Economics, n. 10, Naples: ESI, 2002, pp. 97-118.
- 41) **When Romer meets Lucas: On Human Capital, Imperfect Competition and Growth**. In *Old and New Growth Theories: An Assessment*, Edited by N. Salvadori, Cheltenham, UK: Edward Elgar, 2003, pp. 261-85.
- 42) **Offerta di Lavoro e Capitale Umano: l'Effetto di Tasse e Sussidi** (joint with M. Bratti, in Italian). In *Mercato, occupazione e salari: La ricerca sul lavoro in Italia*, Edited by C. Lucifora, Vol. I (Capitale Umano, Occupazione e Disoccupazione), Milan: Mondadori Università, April 2003, pp. 58-83.

- 43) **Offerta di Lavoro e Capitale Umano: Evoluzione Demografica e Invecchiamento** (in Italian). In *Mercato, occupazione e salari: La ricerca sul lavoro in Italia*, Edited by C. Lucifora, Vol. I (Capitale Umano, Occupazione e Disoccupazione), Milan: Mondadori Università, April 2003, pp. 84-124.
- 44) **Demografia, investimento in scolarità e crescita nei PVS** (joint with M. Bratti, in Italian). In *Siamo pochi o siamo troppi? Alcuni aspetti delle relazioni tra evoluzione demografica e sviluppo economico e sociale*, Edited by M. Natale and E. Moretti, Milan: Franco Angeli, 2003, pp. 60-85.
- 45) **Effetti di complementarietà, accumulazione di capitale umano e crescita economica: teoria e risultati empirici** (joint with M. Bratti, in Italian). In *Siamo pochi o siamo troppi? Alcuni aspetti delle relazioni tra evoluzione demografica e sviluppo economico e sociale*, Edited by M. Natale and E. Moretti, Milan: Franco Angeli, 2003, pp. 86-110.
- 46) **Human Capital, Product Market Power and Economic Growth**. In *Innovation, Unemployment and Policy in the Theories of Growth and Distribution* (Chapter 1), Edited by R. Balducci and N. Salvadori, Cheltenham, UK: Edward Elgar, 2005, pp. 3-26.
- 47) **Innovation, Patent Lifetime and Economic Growth** (joint with H. Cagri Saglam). In *Economics of Technological Change* (Chapter 2), Edited by Thomas L. Beane, New York: Nova Science Publishers, 2007, pp. 23-38.
- 48) **Crescita Demografica ed Economica in un Modello con Investimento in Capitale Umano e Progresso Tecnico Endogeno** (in Italian). In *Economia del Capitale Umano: Istituzioni, Incentivi e Valutazione*, Edited by A. Petretto and G. Pignataro, Milan: Franco Angeli, 2008, pp. 32-56.
- 49) **Why There Could Be No Link between R&D Investment and Economic Growth?** In *Sviluppo Demografico ed Economico nel Mediterraneo*, Edited by L. Di Comite, F. Galizia and O. Garavello, Bari: Cacucci Editore, 2008, pp. 61-86.
- 50) **The Political Economy of Human and Physical Capital Accumulation in Economic Growth**. In *Political Economy Research Focus* (Chapter 6), Edited by Walter R. Levin, New York: Nova Science Publishers, 2008, pp. 121-34.
- 51) **Embodied Technical Change and Learning-by-Doing in a Two-Sector Growth Model with Human Capital Accumulation** (joint with H. Kunze and D. La Torre). In *Optimal Control of Age-structured Populations in Economy, Demography, and the Environment*, Edited by R. Boucekkine, N. Hritonenko and Y. Yatsenko, London, UK: Routledge, 2011, Chapter 6, pp. 126-39.

#### **SUBMITTED ARTICLES / *Mimeos***

- 52) **Specialization vs Competition: An Anatomy of Increasing Returns to Scale** (joint with P. Ushchev, NRU-HSE, Saint Petersburg, Russian Federation).  
*Submitted*
- 53) **On the Role of Preferences on Capital Accumulation and Welfare in a Neoclassical Setup** (joint with Wilson da Cruz Vieira, Federal University of Viçosa, Brazil, and S. Marsiglio, University of Wollongong, Australia).  
*Submitted*
- 54) **Leisure Externalities and Human Capital Accumulation in an Endogenous R&D-based Growth Model** (joint with S. Boikos, University of Laval, Canada).  
*Mimeo*

- 55) **The Spatial Jones and Manuelli's Growth Model** (joint with D. La Torre, University of Milan, D. Liuzzi, University of Cagliari, and S. Marsiglio, University of Wollongong, Australia).  
*Mimeo*
- 56) **On the Relation between the Degree of Financialization and Economic Growth** (joint with D. La Torre, University of Milan, D. Liuzzi, University of Cagliari, and S. Marsiglio, University of Wollongong, Australia).  
*Mimeo*
- 57) **Essays on Human Capital, Technology, Market Power and Growth**  
Université catholique de Louvain - Département des Sciences Économiques  
CIACO, Louvain-la-Neuve, Belgium (n. 398/2002, September 2002).  
*Ph.D. Thesis* (Université catholique de Louvain – Département des Sciences Économiques, Louvain-la-Neuve, Belgium)
- 58) **Potere di Mercato e Crescita Economica di Lungo Periodo** (in Italian)  
University of Ancona – Department of Economics (February 1999).  
*Ph.D. Thesis* (University of Ancona – Department of Economics, Ancona, Italy)  
*This thesis has been mentioned by the Italian Economic Association (SIE) as one of the best five Italian Ph.D. theses in Economics in the academic year 1998/1999 (see Rivista Italiana degli Economisti, n. 1, year 2000).*

## BOOKS

- 59) **HUMAN CAPITAL AND ECONOMIC GROWTH: THE IMPACT OF HEALTH, EDUCATION AND DEMOGRAPHIC CHANGE** (Co-Editors: Alberto BUCCI, *DEMM, University of Milan, Italy*; Klaus PRETTNER, *Institute of Economics, University of Hohenheim, Germany*; 3. Alexia PRSKAWETZ, *Institute of Statistics and Mathematical Methods in Economics, Technische Universität, Wien*)  
London, UK: Palgrave-MacMillan (*forthcoming*, June 2019).

## RESEARCH INTERESTS

- Economic growth and *mark-ups*
- ‘*Dilution–Effects*’ in economic growth models with exogenous and endogenous fertility choices
- R&D and innovation–based economic growth
- Culture in models of economic growth (one and two-sectors growth models)
- Government expenditure, public capital, private capital, and economic growth
- Returns to specialization, population, and product market competition in dynamic, general-equilibrium models (endogenous R&D–based economic growth models)
- Finance and Economic Growth
- Health, Human Capital, and Economic Growth
- Monopolistic Competition (static and dynamic) models
- Spatial economic growth models.