

Luca Gori

Curriculum Vitæ Atque Studiorum

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Academic positions

- ✓ *2013 – Present:* Full professorship qualification (13/A2 – Economic Policy).
- ✓ *2014 – Present:* Associate Professor (Economics), University of Genoa, Italy.
- ✓ *2010 – 2014:* Assistant Professor (Economics), University of Genoa, Italy.
- ✓ *2008 – 2010:* Post-doc Fellow (Economics), University of Pisa, Italy.

Other affiliations

- ✓ *2010 – Present:* CICSE (Academic Centre for the Study of Growth and Economic Development) – University of Pisa, Italy.

Education

- ✓ *2007:* Ph.D. (Economics), University of Pisa.
- ✓ *2003:* M.Sc. (Economics), Bocconi University, Milan.
- ✓ *2002:* B.Sc. (Economics), University of Pisa.

Teaching experience

- ✓ Economics, Undergraduate Course, Department of Law, University of Genoa (academic years: 2011-2012; 2012-2013; 2013-2014; 2014-2015; 2015-2016).
- ✓ Public Economics, Undergraduate Course, Department of Economics and Management, University of Pisa (academic year: 2015-2016).
- ✓ International Monetary and Financial Economics, Graduate Course, Department of Economics and Management, University of Pisa (academic year: 2014-2015).
- ✓ Macroeconomics, Undergraduate Course, Department of Economics and Management, University of Pisa (academic year: 2013-2014).

- ✓ Industrial Economics, Undergraduate Course, Faculty of Economics, University of Pisa (academic year: 2010-2011).

Other academic and professional activities

- ✓ 2015: Guest Editor, Discrete Dynamics in Nature and Society (DEMNS).
- ✓ 2011 – 2013: Research Group Member (PRIN 2009) “*Structural Change and Growth*”. Director: Prof. Neri Salvadori (University of Pisa).
- ✓ 2008 – 2010: Research Group Member (PRIN 2007) “*Heterogeneous Sectors, Growth and Technological Progress*”. Director: Prof. Neri Salvadori (University of Pisa).
- ✓ 2005 – 2007: Research Group Member (PRIN 2005) “*Economic Growth: Institutional and Social Dynamics*”. Director: Prof. Neri Salvadori (University of Pisa).
- ✓ Autumn 2005: Visiting Scholar, University of Washington, Seattle (WA), USA, Supervisor: Prof. Stephen J. Turnovsky.

Research interests

Economic Growth, Health Economics, Industrial Economics, Labour Economics, Macroeconomics, Nonlinear Economic Dynamics, Population Economics, Public Economics.

Publications in referred journals

[1] ANTOCI, A., GORI, L., SODINI, M., 2016. Nonlinear dynamics and global indeterminacy in an overlapping generations model with environmental resources. *Communications in Nonlinear Science and Numerical Simulation*, forthcoming, doi:10.1016/j.cnsns.2016.02.005.

[2] GORI, L., GUERRINI, L., SODINI, M., 2015. Hopf bifurcation and stability crossing curves in a cobweb model with heterogeneous producers and time delays. *Nonlinear Analysis: Hybrid Systems* 18, 117–133.

[3] BRIANZONI, S., GORI, L., MICHETTI, E., 2015. Dynamics of a Bertrand duopoly with differentiated products and nonlinear costs: analysis, comparisons and new evidences. *Chaos, Solitons & Fractals* 79, 191–203.

[4] GORI, L., SODINI, M., FANTI, L., 2015. A nonlinear Cournot duopoly with advertising. *Chaos, Solitons & Fractals* 79, 178–190.

[5] GORI, L., GUERRINI, L., SODINI, M., 2015. A continuous time Cournot duopoly with delays. *Chaos, Solitons & Fractals* 79, 166–177.

[6] GORI, L., GUERRINI, L., SODINI, M., 2015. Equilibrium and disequilibrium dynamics in cobweb models with time delays. *International Journal of Bifurcation and Chaos* 25 (6), 1550088-1–1550088-14.

[7] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2015. Market share delegation in a Bertrand duopoly: synchronisation and multistability. *Discrete Dynamics in Nature and Society* 2015 (2015), March, 1–13.

[8] FANTI, L., GORI, L., SODINI, M., 2015. Nonlinear dynamics in a Cournot duopoly with isoelastic demand. *Mathematics and Computers in Simulation* 108, February, 129–143.

[9] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2014. Local and global dynamics in a duopoly with price competition and market share delegation. *Chaos, Solitons & Fractals* 69, December, 253–270.

[10] GORI, L., GUERRINI, L., SODINI, M., 2014. Heterogeneous fundamentalists in a continuous time model with delays. *Discrete Dynamics in Nature and Society* 2014 (2014), August 1–6.

[11] GORI, L., GUERRINI, L., SODINI, M., 2014. Hopf bifurcation in a cobweb model with discrete time delays. *Discrete Dynamics in Nature and Society* 2014 (2014), June, 1–8.

[12] FANTI, L., GORI, L., 2014. An OLG model of growth with longevity: when grandparents take care of grandchildren. *Portuguese Economic Journal* 13 (1), April, 39–51.

[13] GORI, L., SODINI, M., 2014. Indeterminacy and nonlinear dynamics in an OLG growth model with endogenous labour supply and inherited tastes. *Decisions in Economics and Finance* 37 (1), April, 159–179.

[14] FANTI, L., GORI, L., TRAMONTANA, F., 2014. Endogenous lifetime, accidental bequests and economic growth. *Decisions in Economics and Finance* 37 (1), April, 81–98.

[15] FANTI, L., GORI, L., 2014. Endogenous fertility, endogenous lifetime and economic growth: the role of child policies. *Journal of Population Economics* 27 (2), April, 529–564.

[16] GORI, L., SODINI, M., 2014. Local and global bifurcations in an economic growth model with endogenous labour supply and multiplicative external habits. *Chaos* 24 (1), March, 013122.

[17] FANTI, L., GORI, L., SODINI, M., 2013. Nonlinear dynamics in a Cournot duopoly with different attitudes towards strategic uncertainty. *Abstract and Applied Analysis* 2013 (2013), December, 1–11.

[18] FANTI, L., GORI, L., 2013. Adult mortality drops and the dynamical effects of the evolution from private intra-family gifts to public pensions. *Economia Politica – Journal of Analytical and Institutional Economics* 30 (3), December, 339–355.

[19] FANTI, L., GORI, L., 2013. Stability analysis in a Bertrand duopoly with different product quality and heterogeneous expectations. *Journal of Industry, Competition and Trade* 13 (4), December, 481–501.

[20] FANTI, L., GORI, L., 2013. Fertility-related pensions and cyclical instability. *Journal of Population Economics* 26 (3), July, 1209–1232.

[21] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2013. The dynamics of a Bertrand duopoly with differentiated products: synchronization, intermittency and global dynamics. *Chaos, Solitons & Fractals* 52 (C), July, 73–86.

[22] FANTI, L., GORI, L., SODINI, M., 2013. Complex dynamics in an OLG model of neoclassical growth with endogenous retirement age and public pensions. *Nonlinear Analysis: Real World Applications* 14 (1), February, 829–841.

- [23] FANTI, L., GORI, L., 2013. Efficient bargaining versus right to manage: a stability analysis in a Cournot duopoly with trade unions. *Economic Modelling* 30 (1), January, 205–211.
- [24] FANTI, L., GORI, L., 2012. Public expenditure on health and private old-age insurance in an OLG growth model with endogenous fertility: chaotic dynamics under perfect foresight. *Computational Economics* 40 (4), December, 333–353.
- [25] FANTI, L., GORI, L., SODINI, M., 2012. Nonlinear dynamics in a Cournot duopoly with relative profit delegation. *Chaos, Solitons & Fractals* 45 (12), December, 1469–1478.
- [26] FANTI, L., GORI, L., 2012. A note on endogenous fertility, child allowances and poverty traps. *Economics Letters* 117 (3), December, 722–726.
- [27] FANTI, L., GORI, L., 2012. Economic growth and stability with public PAYG pensions and private intra-family old-age insurance. *Research in Economics* 66 (3), September, 219–229.
- [28] FANTI, L., GORI, L., 2012. A note on child policy and fertility in an overlapping generations small open economy: when the labour market institutions matter. *International Journal of Population Research* 2012 (2012), August, 1–6.
- [29] FANTI, L., GORI, L., 2012. The codetermined firm in a Cournot duopoly: a stability analysis. *Economic Modelling* 29 (4), July, 1242–1247.
- [30] FANTI, L., GORI, L., 2012. Fertility and PAYG pensions and in the overlapping generations model. *Journal of Population Economics* 25 (3), July, 955–961.
- [31] FANTI, L., GORI, L., 2012. Endogenous lifetime in an overlapping-generations small open economy. *FinanzArchiv/Public Finance Analysis* 68 (2), June, 121–152.
- [32] FANTI, L., GORI, L., 2012. PAYG pensions and economic cycles: exogenous versus endogenous fertility. *Public Finance Review* 40 (2), March, 240–269.
- [33] FANTI, L., GORI, L., 2012. The dynamics of a differentiated duopoly with quantity competition. *Economic Modelling* 29 (2), March, 421–427.
- [34] FANTI, L., GORI, L., 2012. PAYG pensions, tax-cum-subsidy and A–Pareto efficiency. *Research in Economics* 66 (1), March, 65–71.
- [35] GORI, L., SODINI, M., 2011. Nonlinear dynamics in an OLG growth model with young and old age labour supply: the role of public health expenditure. *Computational Economics* 38 (3), October, 261–275.
- [36] FANTI, L., GORI, L., 2011. Public health spending and unfunded public pensions in an OLG model of neoclassical growth: some new results about the poverty trap problem. *Rivista Italiana degli Economisti* 16 (2), July, 317–336.
- [37] FANTI, L., GORI, L., 2011. Endogenous fertility and development traps with endogenous lifetime. *Economics Research International* 2011 (2011), June, 1–4.
- [38] FANTI, L., GORI, L., 2011. On economic growth and minimum wages. *Journal of Economics (Zeitschrift für Nationalökonomie)* 103 (1), May, 59–82.

- [39] FANTI, L., GORI, L., 2011. Public health spending, old-age productivity and economic growth: chaotic cycles under perfect foresight. *Journal of Economic Behavior & Organization* 78 (1–2), April, 137–151.
- [40] FANTI, L., GORI, L., 2011. A note on trade unions, unemployment insurance and endogenous growth. *Eastern Economic Journal* 37 (2), March, 270–280.
- [41] FANTI, L., GORI, L., 2011. Child policy ineffectiveness in an overlapping generations small open economy with human capital accumulation and public education. *Economic Modelling* 28 (1–2), January, 404–409.
- [42] FANTI, L., GORI, L., 2010. Child policy solutions for the unemployment problem. *Economics Letters* 109 (3), December, 147–149.
- [43] FANTI, L., GORI, L., 2010. Economic growth and welfare in a neoclassical overlapping generations growth model with minimum wages and consumption taxes. *LABOUR – Review of Labour Economics and Industrial Relations* 24 (3), September, 238–262.
- [44] FANTI, L., GORI, L., 2010. Increasing PAYG pension benefits and reducing contribution rates. *Economics Letters* 107 (2), May, 81–84.
- [45] FANTI, L., GORI, L., 2010. Family policies and the optimal population growth rate: closed and small open economies. *Metroeconomica* 61 (1), March, 96–123.
- [46] FANTI, L., GORI, L., 2010. Public education, fertility incentives, neoclassical economic growth and welfare. *Bulletin of Economic Research* 62 (1), January, 59–77.
- [47] FANTI, L., GORI, L., 2009. Are the regulation of wages and unemployment always detrimental for economic growth? *Economia Politica – Journal of Analytical and Institutional Economics* 26 (3), December, 511–529.
- [48] FANTI, L., GORI, L., 2009. Population and neoclassical economic growth: a new child policy perspective. *Economics Letters* 104 (1), July, 27–30.
- [49] FANTI, L., GORI, L., 2009. Right-to-manage unions, endogenous growth and welfare. *Economics Bulletin* 29 (2), May, 904–918.
- [50] FANTI, L., GORI, L., 2009. Monopoly union, unemployment benefits and labour taxes: the unemployment problem revisited. *Economics Bulletin* 29 (1), March, 483–491.
- [51] FANTI, L., GORI, L., 2008. Fertility-related pensions and fertility disincentives. *Economics Bulletin* 10 (8), June, 1–7.
- [52] FANTI, L., GORI, L., 2008. Child quality choice and fertility disincentives. *Economics Bulletin* 10 (7), April, 1–6.
- [53] FANTI, L., GORI, L., 2008. Longevity and PAYG pension systems sustainability. *Economics Bulletin* 10 (2), March, 1–8.

[54] FANTI, L., GORI, L., 2008. Human capital, income, fertility and child policy. *Economics Bulletin* 9 (6), March, 1–7.

[55] FANTI, L., GORI, L., 2007. Long-run output, welfare and fertility in a neoclassical OLG growth model: the effects of intra-generational tax policies. *Studi Economici* 93 (3), December, 53–70.

[56] FANTI, L., GORI, L., 2007. Labour income taxation, child-rearing policies and fertility. *Economics Bulletin* 10 (20), December, 1–10.

[57] FANTI, L., GORI, L., 2007. Income taxation, child-rearing policies, fertility and unemployment. *Economics Bulletin* 10 (18), December, 1–10.

[58] FANTI, L., GORI, L., 2007. Fertility, income and welfare in an OLG model with regulated wages. *International Review of Economics* 54 (4), December, 405–427.

[59] FANTI, L., GORI, L., 2007. From the Malthusian to the Modern growth regime in an OLG model with unions. *Economics Bulletin* 10 (14), October, 1–10.

Chapters in books

[60] FANTI, L., GORI, L., 2009. Regulated wage economy and taxation systems: a long-run welfare and growth theoretical analysis and a policy exercise. In: *Long-Run Growth, Social Institutions and Living Standards*, Chapter 12, 260–288. Salvadori, N., Opocher, A. (eds.), Edward Elgar.

Manuscripts (under review)

[61] GORI, L., SODINI, M., 2016. Endogenous labour supply, endogenous lifetime and economic growth. Submitted.

[62] GORI, L., SODINI, M., 2016. Price competition in a nonlinear differentiated duopoly with isoelastic demand. Submitted.

[63] FANTI, L., GORI, L., SODINI, M., 2016. Codetermination in Cournot and Bertrand duopolies. Submitted.

[64] GORI, L., GUERRINI, L., SODINI, M., 2016. A characterisation of duopoly dynamics with frictions in production adjustments. Submitted.

[65] GORI, L., PECORA, N., SODINI, M., 2016. Market share delegation in a nonlinear duopoly with quantity competition: the role of dynamic entry barriers. Submitted.

[66] FANTI, L., GORI, L., SODINI, M., 2016. The bargaining-sales-delegation game. *Managerial and Decision Economics*, revise and resubmit stage (first round).

[67] FANTI, L., GORI, L., SODINI, M., 2016. Managerial delegation theory revisited. Submitted.

[68] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2016. Multistability and complex basins in a nonlinear duopoly with price competition and relative profit delegation. Submitted.

[69] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2016. Complex dynamics in an OLG model of growth with inherited tastes. Submitted.

[70] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2016. Inherited tastes and endogenous longevity. Submitted.

Work in progress

[71] GORI, L., SODINI, M., 2016. Endogenous fertility, indeterminacy and economic development.

[72] FANTI, L., GORI, L., SODINI, M., 2016. The managerial delegation game with advertising.

[73] FANTI, L., GORI, L., SODINI, M., 2016. Advertising as a strategic commitment mechanism.

[74] FANTI, L., GORI, L., SODINI, M., 2016. Managerial delegation and codetermination.

[75] FANTI, L., GORI, L., SODINI, M., 2016. Managerial delegation and network externalities.

[76] FANTI, L., GORI, L., MAMMANA, C., MICHETTI, E., 2016. A dynamic fiscal policy game.

[77] GORI, L., MAMMANA, C., MICHETTI, E., 2016. The dynamics of bequeathed tastes with endogenous fertility.

[78] GORI, L., MAMMANA, C., MANFREDI, P., MICHETTI, E., SODINI, M., 2016. Public prevention investments, diseases and development.

[79] GORI, L., LUPI, E., MANFREDI, SODINI, M., 2016. The ultimate impact of HIV/AIDS epidemics on fertility, and perspectives on economic development in Sub-Saharan Africa.

Refereeing activity

Abstract and Applied Analysis

Annals of Operations Research

Applied Mathematics and Computation

Asian Journal of Law and Economics

B.E. Journal of Macroeconomics

Bulletin of Economic Research

Chaos

Computational Economics

Discrete Applied Mathematics

Discrete Dynamics in Nature and Society

Economia Politica – Journal of Analytical and Institutional Economics

Economic Modelling

Economics Bulletin

Economics Letters

FinanzArchiv/Public Finance Analysis

International Tax and Public Finance
Italian Economic Journal
Journal of Economic Behavior & Organization
Journal of Economic Dynamics and Control
Journal of Economic Growth
Journal of Economics (Zeitschrift für Nationalökonomie)
Journal of Economics and International Finance
Journal of the European Economic Association
Journal of Evolutionary Economics
Journal of Mathematical Economics
Journal of Population Economics
Mathematics and Computers in Simulation
Metroeconomica
Nonlinear Analysis: Real World Applications
Population Research and Policy Review
Public Finance Review
Research in Economics
Review of Economics of the Household
Southern Economic Journal

Conferences

- XVI AISSEC, June 21st–23rd, 2007, University of Parma, Italy
- XXII AIEL, September 13th–14th, 2007, University of Naples “Parthenope”, Italy
- LabSi International Conference on Political Economy and Public Choice: Theory and Experiments, September 27th–29th, 2007, University of Siena, Italy
- International Conference on Institutional and Social Dynamics of Growth and Distribution, December 10th–12th, 2007, Lucca, Italy
- 19th Jerusalem School in Economic Theory on “The Economics of Kenneth J. Arrow”, Hebrew University of Jerusalem, June 2008, Israel
- XXIII AIEL, September 11th–12th, 2008, University of Brescia, Italy
- SIE 49th National Conference, October 24th–25th, 2008, University of Perugia, Italy
- 10th PET 2009, June 18th–20th, 2009, National University of Ireland, Ireland
- International Conference in Honour of Salvatore Vinci Poverty Traps: An Empirical and Theoretical Assessment, October 30th–31st, 2009, University of Naples “Parthenope”, Italy
- 11th Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics, May 31st–June 2nd 2010, University of Amsterdam, The Netherlands
- XXV AIEL, September 9th–10th, 2010, University G. D’Annunzio, Chieti-Pescara, Italy
- 6th MDEF 2010, September 23rd–25th, 2010, University of Urbino, Italy
- SIE 51st National Conference, October 15th–16th, 2010, University of Catania, Italy
- CICSE Lectures, April 27th–29th, 2011, Naples, Italy
- 7th NED 2011, June 1st–3rd, 2011, University of Cartagena, Cartagena, Spain
- 16th IEA 2011, July 4th–8th, 2011, Tsinghua University, Beijing, China
- XXVI AIEL, September 15th–16th, 2011, Catholic University of Milan, Italy
- SIE 52nd National Conference, October 14th–15th, 2011, University of Rome III, Italy;
- 12th Viennese Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics, May 30th–June 2nd, 2012, Vienna University of Technology, Austria;
- 7th MDEF 2012, September 20th–22nd, 2012, University of Urbino, Italy
- SIE 53rd National Conference, October 18th–20th, 2012, University of Basilicata, Italy
- 8th NED 2013, July 4th–6th, 2013, University of Siena, Italy

- SIE 54th National Conference, October 24th–26th, 2014, University of Bologna, Italy
- 17th IEA 2014, June 6th–10th, 2014, Jordan
- 13th Journées LAGV 2014, June 23rd–24th, 2014, Aix-en-Provence, France
- Summer School in Economic Growth, July 1st–3rd, 2014, Capri, Italy
- 8th MDEF 2014, September 18th–20th, 2014, University of Urbino, Italy
- SIE 55th National Conference, October 23rd–25th, 2014, University of Trento, Italy
- RCEA 2015 Workshop on Growth and Development, May 21st–22nd, 2015, Rimini, Italy
- 9th NED 2015, June 25th–27th, 2015, Chuo University, Tokyo, Japan
- SIE 55th National Conference, October 22nd–24th, 2015, Parthenope University of Naples, Italy

Invited seminars

Department of Economics, University of Pisa, Italy

Department of Economics, University of Siena, Italy

Department of Economics, University of Verona, Italy

Department of Economics, University of Padua, Italy

Department of Economics and Quantitative Methods, University of Genoa, Italy

Department of Economics, University of Florence, Italy

Academic references

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Luca Gori

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