

## **ROBERTO CELLINI's SCIENTIFIC PUBLICATIONS**

(update: March 2011)

### Most Significant Publications:

- . "A Dynamic Model of Differentiated Oligopoly with Capital Accumulation", *Journal of Economic Theory*, 1998, vol.82 n.1, pp.245-255 (with Luca Lambertini).
- . "Growth and Differentiated Oligopoly" *Economics Letters*, 2000, vol. 69 n. 2, pp. 129-136.
- . "A Differential Game Approach to Investment in Product Differentiation", *Journal of Economic Dynamics and Control*, 2002, vol. 27 n. 1, pp. 51-62 (with Luca Lambertini).
- . "Investment in Tourism Market: A Dynamic Model of Differentiated Oligopoly", *Environmental and Resource Economics*, 2006, vol. 35, pp. 41-58 (with Guido Candela).
- . "A Differential Oligopoly Model with Differentiated Goods and Sticky Prices", *European Journal of Operational Research*, 2007, vol. 176, pp. 1131-1144, 2007 (with Luca Lambertini).
- . "Is Cultural Heritage Really Important for Tourists? A Contingent Rating Study", *Applied Economics*, 2007, vol. 39, pp. 261-271 (with Tiziana Cuccia).
- . "Dynamic R&D with Spillovers: Competition vs Cooperation", *Journal of Economic Dynamics and Control*, 2009, vol. 33 n. 3, pp. 568-82 (with Luca Lambertini)
- . "Competition and Quality in Regulated Markets: A Differential-Game Approach", *Journal of Health Economics*, 2010, vol. 29, pp. 508-23 (With Kurt R. Brekke, Luigi Siciliani, Odd Rune Straume).

### Other Publications in refereed journals:

- . "Solow's Growth Model in the Presence of a Stochastic Steady State", *Journal of Macroeconomics*, 1997, vol. XIX n. 1, pp. 135-153.
- . "Growth Empirics: Evidence from a Panel of Annual Data", *Applied Economics Letters*, 1997, vol. 4 n. 6, pp. 347-351.
- . "Crime and Economic Activity in the Long-Run. An Empirical Investigation on Aggregate Data from Italy, 1951-94", *International Review of Law and Economics*, 1998, vol. 18 n. 3, pp. 279-292 (with Antonello Scorcu).
- . "Monopolistic Power under Income Polarization", *Journal of Economics*, 1999, vol. 69 n. 3, pp. 289-298 (with Corrado Benassi e Alessandra Chirco).
- . "Segmented Stochastic Convergence across the G-7 Countries", *Empirical Economics*, 2000, vol. 25 n. 3, pp. 463-474 (with Antonello Scorcu).

- . "Income Distribution and Monopoly: Price and Quantity Patterns with Intra- and Inter- Class Income Dispersion ", *Metroeconomica*, 2000, vol. 51 n. 2, pp. 221-234 (with Corrado Benassi e Alessandra Chirco).
- . "Competition and Efficiency in Health Care: an Empirical Analysis of the Italian Case" *International Tax and Public Finance*, 2000, vol.7 n.4/5, pp. 503-519 (with Giacomo Pignataro and Ilde Rizzo).
- . "Income Polarization and Free-Entry Equilibrium: US vs EU", *Economia Internazionale*, 2000, vol. 53 n. 1, pp. 15-22. (with Corrado Benassi and Alessandra Chirco).
- . "Personal Income Distribution and Market Structure", *German Economic Review*, 2002, vol. 3 n. 3, pp. 327-38 (with Corrado Benassi and Alessandra Chirco).
- . "Pop Competitiveness", *BNL Quarterly Review*, 2002, vol. 220, pp. 71-101 (with Anna Soci).
- . "Advertising in a Differential Oligopoly Game", *Journal of Optimisation Theory and Applications*, 2003, vol. 116 n. 1, pp. 61-81 (with Luca Lambertini).
- . "Incomplete Information and Experimentation in the Arts: A Game Theory Approach", *Economia Politica*, 2003, vol 20 n. 1, pp. 21-34 (with Tiziana Cuccia).
- . "Advertising with Spillover Effects in a Differential Oligopoly Game with Differentiated Goods", *Central European Journal of Operations Research*, 2003, vol. 11 n. 4, pp. 409-23 (with Luca Lambertini).
- . "Dynamic Oligopoly with Sticky Prices: Closed-Loop, Feedback and Open-Loop Solutions", *Journal of Dynamical and Control System*, 2004, vol. 10 n. 3, pp. 303-14 (with Luca Lambertini).
- . "Welfare in Differentiated Oligopoly with Free Entry: A Cautionary Note", *Research in Economics*, 2004, vol. 28 n. 2, pp. 125-33 (with Luca Lambertini and Gianmarco I. P. Ottaviano).
- . "R&D Incentives and Market Structure: Dynamic Analysis", *Journal of Optimisation Theory and Applications*, 2005, vol. 126 n. 1, pp. 85-96 (with Luca Lambertini).
- . "Endogenous Growth and Baumol's Disease: A Formal Model", *RISEC - Rivista Internazionale di Scienze Economiche e Commerciali*, 2005, vol. 52, pp. 205-222 (with Tiziana Cuccia).
- . "Private and Social Incentives Towards Investment in Product Differentiation", *International Game Theory Review*, 2004, vol. 6 n. 4, pp. 493-508 (with Luca Lambertini).
- . "Intellectual Property, Competition, and Growth: An Introduction", *Rivista di Politica Economica*, 2005, vol. 95 n. 5, pp. 3-6 (with Guido Cozzi)
- . "Policy Decisions on Collective Property Rights in Cultural Districts: A Positive Model" *Rivista di Politica Economica*, 2005, vol. 95 n. 5, pp. 247-265 (with Tiziana Cuccia and Walter Santagata).
- . "Workers' Enterprises Are Not Perverse: Differential Oligopoly Games with Sticky Price", *Review of Economic Design*, 2006, vol 10, pp. 233-48 (with Luca Lambertini).
- . "On the Dynamic Consistency of Optimal Monetary Policy", *International Journal of Mathematics, Game Theory, and Algebra*, 16 n. 4, 2006, pp. 1-15, Reprinted in: L. Petrosjan and V.

Mazalov (Eds.), *Game Theory and Applications*, Vol. XII, Nova Science, New York, pp. 1-15 (2007) (with Luca Lambertini)

. "Time consistent fiscal policies in a Ramsey economy", *Mathematical Social Sciences*, 2007 vol. 53 n. 3, pp. 296-316 (With Luca Lambertini).

. "Migration and Welfare: A Very Simple Model", *Journal of International Development*, 2007, vol. 19, pp. 885-94.

. "The Make-or-Buy Choice in a Mixed Oligopoly. A Theoretical Investigation", *Rivista di Politica Economica*, vol. 97 n. 5, 2007, pp. 113-132 (with Luca Lambertini)

. "Persuasive Advertising under Bertrand Competition: A Differential Game", *Operations Research Letters*, 2008, vol. 36, pp. 381-84 (with Luca Lambertini and Andrea Mantovani)

. "Weak and Strong Time Consistency in a Differential Oligopoly Game with Capital Accumulation", *Journal of Optimization Theory and Applications*, 2008, vol. 138, pp. 17-26, (with Luca Lambertini)

. "Workers' Enterprises and the Taste for Production: the Arts, Sport and Other Cases", *Scottish Journal of Political Economy*, 2009, vol. 56 n. 1, pp. 123-137 (with Tiziana Cuccia)

. "US Price Indices and the Exchange Rate: Are Recreational Products Different?", *Journal of Applied Economic Sciences*, 2009 – Spring, vol. 4 n. 1 (7), pp. 26-35 (with Alessandro Paolino).

. 2010, "The issue of time inconsistency revised as an extended game", *International Game Theory Review*, vol. 12 n. 2, pp. 161-174 (with Luca Lambertini).

. "R&D Incentives under Bertrand Competition: A Differential Game" *Japanese Economic Review*, 2010 (forthcoming) (download of an old version from: <http://www2.dse.unibo.it/wp/519.pdf> (with Luca Lambertini).

. 2011, "Is UNESCO recognition effective in fostering tourism? A comment on Yong, Lin and Han", *Tourism Management*, vol. 32 n. 2, pp. 452-54.

. 2011, "Efficiency and Equity in Anarchy and other Historical Social Systems: A Simple Exploratory Model", *Economia Politica - Journal of analytical and institutional economics*, vol 28 n. 1, pp. 5-39 (with Guido Candela).

. 2011, "Information Externality in the Arts and the Public Intervention: A Note", *European Journal of Scientific Research*, vol. 51 n.1, pp. 40-43 (with Tiziana Cuccia)

. 2011, "Competition in regulated markets with sluggish beliefs about quality", *Journal of Economics and Management Strategy*, forthcoming (with Kurt R. Brekke, Luigi Siciliani, Odd Rune Straume).

#### Other Publications: Books and Contributions in Books

. "Differential Oligopoly Games", in Patrizio Bianchi - Luca Lambertini (eds.), *Technology, Information and Market Dynamics*, Edward Elgar, Cheltenham, 2003, pp. 173-207 (with Luca Lambertini).

. "Degenerate Feedback and Time Consistency in Differential Games" in Eberhard P. Hofer - Eduard Reithmeier (eds.), *Modelling and Control of Autonomous Decision Support Based Systems*, Shaker Verlag, Aachen, Germany, 2005, pp. 185-192 (With Luca Lambertini and George Leitmann).

. "Capital Accumulation, Mergers and the Ramsey Golden Rule", in Marc Quincampoix, Tom Vincent and Steffen Jørgensen (eds.), *Advances in Dynamic Game Theory and Application - Annals of the International Society of Dynamic Games*, vol., 8, Birkhauser, Boston, 2007, pp. 487-505 (with Luca Lambertini).

."Differential Game: Theoretical Analysis and Industrial Policy", in P. Bianchi – S. Labory, *International Handbook of Industrial Policy*, Edward Elgar, Cheltenham, 2006, pp. 415-431. (With Luca Lambertini).

. *Intellectual Property, Competition and Growth*, (Edited by Roberto Cellini and Guido Cozzi), Palgrave Macmillan, London, UK, 2007 (ISBN: 0-230-50063-3).

. *The Economics of Innovation: Incentives, Cooperation, and R&D Policy* (Edited by Roberto Cellini and Luca Lambertini), Emerald Publishing, Bingley, UK, 2008 (ISBN: 978-0-444-53255-8)

. "The Editors' Preface", in Roberto Cellini and Luca Lambertini (Eds.) *The Economics of Innovation: Incentives, Cooperation, and R&D Policy*, Emerald Publishing, Bingley, UK, 2008 (With Luca Lambertini), pp. vii-xi.

. "Product and Process Innovation in Differential Games with managerial Firms", in Roberto Cellini and Luca Lambertini (Eds.) *The Economics of Innovation: Incentives, Cooperation, and R&D Policy*, Emerald Publishing, Bingley, UK (With Luca Lambertini), pp. 159-176.

#### Other Publications: Articles in Journals in Italian Language

. "Una rassegna critica e alcune proposte sul concetto di efficienza dinamica" [A Critical Survey on Dynamic Efficiency Models], *Rivista di Politica Economica*, 1992, vol. LXXXII n. 2, pp. 45/79.

. "Vizi e virtù delle PMI: La struttura produttiva, il commercio con l'estero e la gestione finanziaria" [Pros and Cons in the Behaviour of Small Business: Production, International Trade and Finance], *Il Risparmio*, 1992, vol. XL n. 2, pp. 221-245. (with Gianpaolo Rossini) .

. "Modelli di crescita e politiche fiscali nel lungo periodo. Una rassegna" [Growth Models and Fiscal Policy. A Survey], *Economia Politica*, vol. XII n. 1, pp. 129-182.

. "Le parziali econometrie della crescita" [The Partial Approaches to Econometrics of Growth], *Rivista di Politica Economica*, 1995, vol. LXXXV n. 9, pp. 3-55.

. "Una nota sul ruolo dell'econometria nel carattere scientifico dell'economia politica" [A note on the role of econometrics for the scientific nature of economics], *Note Economiche*, 1995, vol. XXV n. 2, pp. 325-349.

. "Consumo, reddito e vincoli di liquidità: un'analisi regionale" [Consumption, income, and liquidity constraints: a regional analysis], *Rivista Internazionale di Scienze Sociali*, 1995, vol. CIII n. 4, pp.863-882. (with Antonello Scorcu).

. "How many Italies? What data Show about Growth and Convergence across Italian Regions, 1970-91", *Rassegna di lavori dell'ISCO*, 1997, vol. XIII n. 4, pagg. 93-124. (Con Antonello Scorcu).

- . "Stabilità, Istituzioni e Crescita nelle Regioni Italiane" (Stability, Institutions and Growth in the Regions of Italy), *L'Industria*, 1997, vol. 18 n. 3, pp. 459-483. (with Antonello Scorcu).
- . "I mercati dei beni di qualità esogena" [Market for exogenous quality goods], *Politica economica*, 1998, vol. 14 n. 2, pp. 217-244. (with Guido Candela)
- . "Quote distributive e crescita in Europa e negli Stati Uniti: una nota", [Social share and Growth in Europe and in the US: A Note] *Moneta e Credito*, 1998, vol. 204, pp. 247-279 (with Paolo Onofri).
- . "Ripartizione del rischio nelle aree territoriali italiane: Un'indagine nel lungo e nel breve periodo" [Risk Sharing in Italian Regions: Short- and Long- Run Analysis] *Rivista di Politica Economica*, 2002, vol. 92 n. 5-6, pp.171-199 (with Antonello E. Scorcu).
- . "Le peculiarità delle imprese cooperative nel settore dell'arte. Un'analisi teorica", [Particular Features of Labour-managed Firms in the Arts Sector: A Theoretical Analysis], *Rivista di Politica Economica*, 2003, vol. 93 n. 5, pp. 35-65 (con Tiziana Cuccia).
- . "Comportamenti d'impresa e informazione del consumatore: un'analisi empirica sui prezzi del pernottamento turistico", [Firms' Behaviour and Consumers' Information: an empirical analysis on prices in tourism stays] *Politica Economica*, vol. 19 n. 3, pp. 441-465 (with Guido Candela and Antonello E. Scorcu).
- . "Patrimonio culturale e turismo: un'indagine empirica su Siracusa", [Cultural Heritage and Tourism: the case of Siracusa] *Economia Pubblica*, 2004, vol. 34 n. 3, pp. 113-131 (with Tiziana Cuccia and Antonio Reale).
- . "Investire in un turismo di élite o di massa: un modello dinamico", [Investment in élite- or mass-tourism: a dynamic model] *Rivista Internazionale di Scienze Sociali*, 2005, vol CXIII n. 1, pp. 23-40 (with Guido Candela).
- . "Catania. L'analisi del turismo nella destinazione di una città", [Catania. Analysis of Tourism in a city as a destination] *Economia dei servizi*, 2007, vol. II n. 1, pp. 147-165 (with Tiziana Cuccia)

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- . *Piccole e Medie imprese e scelte finanziarie* [The Financial Choices of Small Firms], Roma, Confindustria, 1990 (with Gianpaolo Rossini).
- . *Una Guida alla Teoria dei Giochi* [A Guide for Game Theory], CLUEB, Bologna, 1992 (with Luca Lambertini).
- . *Esercizi di Microeconomia*, [Exercises in Microeconomics], CLUEB, Bologna, 1994 (with Luca Lambertini)
- . *Esercizi di Analisi Macroeconomica*, [Exercises in Macroeconomic Analysis], CLUEB, Bologna, 1995 (with Flavio Delbono and Vincenzo Denicolò).
- . "Aspetti istituzionali e crescita delle regioni italiane" [Institutions and regional growth in Italy], in Quintieri B. (ed.), *Finanza, istituzioni e sviluppo regionale*, Il Mulino, Bologna, 1997 (with Antonello Scorcu).
- . "La convergenza tra le regioni europee" [Convergence across European Regions], *Osservatorio Economico e Finanziario della Sardegna*, Banco di Sardegna, Sassari, 1997.
- . "Le sfide del turismo nei paesi in via di sviluppo: un'analisi economica", [The Challenge of Tourism in Less Developed Countries: an economic Analysis] in Vera Negri Zamagni, Maurizio Mussoni, Guido Benzi (eds.), *Per un turismo autenticamente umano*, Fara Editore, Rimini, 2001 (pp. 339-356).
- . "Struttura demografica, risparmio e rendimento del capitale" [Demographic Patterns, Savings, and Returns to Capital]", in Banca d'Italia, *Ricerche quantitative per la politica economica 1999*, Banca d'Italia, Roma, 2003.
- . *Politica Economica. Introduzione ai modelli fondamentali* [Economic Policy: Introduction to Basic Models], Mc Graw Hill Italia, Milano, 2004.

- . "Il turismo nei programmi di crescita e sviluppo: analisi teoriche ed esperienze", [Tourism in growth and development programmes: theory and evidence] in Rosario La Rosa (ed.), *Lo sviluppo del turismo in Sicilia. Potenzialità, problemi, prospettive di intervento*, Franco Angeli, Milano, pp. 91-133.
- . "I concetti, le cause e gli effetti della globalizzazione: una nota" [A note on globalization: issues, causes, effects] in Antonio D'Agata, Emilio Giardina, Enzo Sciacca (eds.), *Tra economia e società: studi in memoria di Giovanni Montemagno*, Giuffrè, Milano, 2006, pp. 87-98 (with Tiziana Cuccia).
- . "La proprietà collettiva e i marchi nella filiera turistica" [Collective Property and Trademarks in Tourism Sector] , in *Archivio Scialoja-Bolla – Annali di studio sulla proprietà collettiva 1.2006*, Giuffrè editore, Milano, pp.55-81

### Work in progress

- . "Differential Games of Oligopoly where Closed-Loop Memoryless and Open-Loop Equilibria Coincide", *Quaderni-Working Papers DSE dell'Università di Bologna* N. 402, Bologna, 2001. (With Luca Lambertini). (Download: [http://www2.dse.unibo.it/mysql/wp\\_dsa.php](http://www2.dse.unibo.it/mysql/wp_dsa.php) → 402.
- . "Capital Accumulation and Horizontal Mergers in Differential Oligopoly Games", *Quaderni-Working Papers DSE dell'Università di Bologna* N. 477, Bologna, 2003 (with Luca Lambertini). (Download: [http://www2.dse.unibo.it/mysql/wp\\_dsa.php](http://www2.dse.unibo.it/mysql/wp_dsa.php) → 477.
- . "Perfect Uncontrollable Differential Games" *Quaderni-Working Papers DSE dell'Università di Bologna* N. 509, Bologna, 2004 (With Luca Lambertini and George Leitmann). (Download: [http://www2.dse.unibo.it/mysql/wp\\_dsa.php](http://www2.dse.unibo.it/mysql/wp_dsa.php) → 509.
- . "Competition and Quality in Regulated Markets with Sluggish Demand", *CEPR Discussion Paper* N. 6938 (2008) ( [www.cepr.org/pubs/dps/DP6938.asp](http://www.cepr.org/pubs/dps/DP6938.asp) ) (With Kurt R. Brekke, Luigi Siciliani, Odd Rune Straume)
- . "Managerial incentive and the firms' propensity to invest in product and process innovation", *Quaderni-Working Papers DSE dell'Università di Bologna* N.655 (2009) (Download: [http://www2.dse.unibo.it/mysql/wp\\_dsa.php](http://www2.dse.unibo.it/mysql/wp_dsa.php) → 655) (With L. Lambertini, A. Sterlacchini)
- . "The regional public spending for tourism in Italy: An empirical analysis", MPRA working paper No. 16131 (2009) (with Gianpiero Torrìsi)
- . "Museum & Monument Attendance and Tourism Flow: A Time Series Analysis Approach" MPRA working paper 18908 (2009) (with Tiziana Cuccia). Download: [http://mpra.ub.uni-muenchen.de/23588/1/MPRA\\_paper\\_18908.pdf](http://mpra.ub.uni-muenchen.de/23588/1/MPRA_paper_18908.pdf)
- . "Private and public incentive to reduce seasonality: A simple theoretical model" MPRA working paper 23588 (2010) (With Giuseppe Rizzo). Download: [http://mpra.ub.uni-muenchen.de/23588/1/MPRA\\_paper\\_23588.pdf](http://mpra.ub.uni-muenchen.de/23588/1/MPRA_paper_23588.pdf)