

ROBERTO CELLINI'S **PUBLICATIONS** **(selection, per subject)**

Up-date: March 2018

Differential Games

Games of capital accumulation

"A Dynamic Model of Differentiated Oligopoly with Capital Accumulation", *Journal of Economic Theory*, 1998, vol. 82 n. 1, pp. 245-255 (with Luca Lambertini).

"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).

"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)

Games on R&D, product and process innovation

"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)

"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).

"R&D Incentives under Bertrand Competition: A Differential Game", *Japanese Economic Review*, 2011, vol. 62 n. 3, pp. 387-400 (with Luca Lambertini).

"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).

"Private and Social Incentives Towards Investment in Product Differentiation", *International Game Theory Review*, 2004, vol. 6 n. 4, pp. 493-508 (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).

"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.

Intellectual Property, Competition and Growth, (Edited by Roberto Cellini and Guido Cozzi), Palgrave Macmillan, London, 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)

Games with sticky prices

"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).

"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).

"Workers' Enterprises Are Not Perverse: Differential Oligopoly Games with Sticky Price", *Review of Economic Design*, 2006, vol 10, pp. 233-48 (with Luca Lambertini).

Games of advertising

"Advertising in a Differential Oligopoly Game", *Journal of Optimisation Theory and Applications*, 2003, vol. 116 n. 1, pp. 61-81 (with Luca Lambertini).

"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).

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

Games in health economics

"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).

"Competition in regulated markets with sluggish beliefs about quality", *Journal of Economics and Management Strategy*, 2012, vol. 21 n. 1, pp. 131-78 (with Kurt R. Brekke, Luigi Siciliani, Odd Rune Straume).

"Quality Competition with Motivated Providers", *Journal of Economic Dynamics and Control*, 2013, vol. 37 pp. 2041-61 (With Luigi Siciliani e Odd Rune Straume)

"Quality competition in markets with regulated prices and minimum quality standards", *Journal of Evolutionary Economics*, 2015, vol. 25 n. 2 , pp. 345-70 (with Fabio Lamantia); doi: 10.1007/s00191-014-0383-3.

"Regional regulators in healthcare service under quality competition: A game theoretical model", *Health Economics*, 2018, DOI: 10.1002/hec.3805 (with Michele Bisceglia e Luca Grilli).

"Quality competition in healthcare services with regional regulators: A differential game approach", *Dynamic Games and Applications*, 2018, DOI: 10.1007/s13235-018-0245-y (with Michele Bisceglia e Luca Grilli).

"A dynamic model of quality competition with endogenous prices", *Journal of Economic Dynamics and Control*, 2018, DOI: 10.1016/j.jedc.2018.06.004 (with Luigi Siciliani e Odd Rune Straume).

"Differential games in health-care markets: Models of quality competition with fixed prices". In: Joseph Apaloo - Bruno Viscolani (Eds.), *Advances in Dynamic and Mean Field Games- Annals of the International Society of Dyanmic Games - vol. XV*, Springer, Cham Switzerland, 2018, pp. 145-67, (With Kurt R. Brekke, Luigi Siciliani, Odd Rune Straume). ISSN 2474-0179 ISSN 2474-0187 (electronic); ISBN 978-3-319-70618-4 ISBN 978-3-319-70619-1

Other topics and Review on differential games

"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.), *Modeling and Control of Autonomous Decision Support Based Systems*, Shaker Verlag, Aachen, Germany, 2005, pp. 185-192 (With Luca Lambertini and George Leitmann).

"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).

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

Income distribution and Firms' Market Power

"Monopolistic Power under Income Polarization", *Journal of Economics*, 1999, vol. 69 n. 3, pp. 289-298 (with Corrado Benassi e Alessandra Chirco).

"Income Distribution and Monopoly: Price and Quantity Patterns with Intra- ad Inter- Class Income Dispersion ", *Metroeconomica*, 2000, vol. 51 n. 2, pp. 221-234 (with Corrado Benassi e Alessandra Chirco).

"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).

Economic Growth

Applied econometric analysis of growth performance

"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.

"Segmented Stochastic Convergence across the G-7 Countries", *Empirical Economics*, 2000, vol. 25 n. 3, pp. 463-474 (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. (with Antonello Scorcu).

"Regional Resilience in Italy: A Very Long-run Analysis", *Regional Studies*, 2014, vol. 48 n. 11, pp. 1779-96 (with Gianpiero Torrisci).

“Regional resilience in Italy: do employment and income tell the same story?”. In: Robert Huggins - Piers Thompson (Eds.), *Handbook of regions and competitiveness. Contemporary Theories and Perspectives on Economic Development*, Edward Elgar, Cheltenham UK, 2017; pp. 308-331 (with Paolo Di Caro, Gianpiero Torrissi). Doi: 10.4337/9781783475018. ISBN: 978-1-78347-500-1(print); 978-1-78347-501-8 (eBook).

Related to the Theory of growth

"Growth and Differentiated Oligopoly", *Economics Letters*, 2000, vol. 69 n. 2, pp. 129-136.

"Pop Competitiveness", *BNL Quarterly Review*, 2002, vol. 220, pp. 71-101 (with Anna Soci).

"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).

Cultural Economics

"Is Cultural Heritage Really Important for Tourists? A Contingent Rating Study", *Applied Economics*, 2007, vol. 39, pp. 261-271 (with Tiziana Cuccia).

"Incomplete Information and Experimentation in the Arts: A Game Theory Approach", *Economia Politica*, 2003, vol. 20 n. 1, pp. 21-34 (with Tiziana Cuccia).

"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).

"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 e Walter Santagata).

"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).

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

"The artist - art dealer relationship as a marketing channel", *Research in Economics*, 2014, vol. 68 n. 1, pp. 57-69 (Con Tiziana Cuccia)

. 2016, "UNESCO sites as public goods: comparative experiences in Italy", *Revista de Economia Contemporânea- Journal of Contemporary Economics* (Printed version ISSN 1415-9848 ; On-line version ISSN 1980-5527), Vol. 20 n.3, pp. 553-569, doi: 10.1590/198055272037 (with Tiziana Cuccia).

. "The public spending for culture in front of decentralization processes and economic recession: the case of Italy", in I. Rizzo - R. Towse (Eds.), *The artful economist: A new look at cultural economics*, Springer, Heidelberg, 2016; ISBN 978-3-319-40635-0, doi 10.1007/978-3-319-40637-4, pp. 89-109 (with Tiziana Cuccia).

"The multi-product nature of the firm in the arts sector: The case of 'Centro Zo'". In: V.M Ateca-Amestoy, V. Ginsburgh, I. Mazza, J. O'Hagan, J. Prieto-Rodriguez (Eds.), *Enhancing Participation in the arts in the EU: Challenges and Methods*. Springer, Cham Switzerland, 2017; pp. 221-234 (with Marco F. Martorana e Felicita Platania). Doi: 10.1007/978-3-319-090962_15. ISBN: 978-3-319-09096-2 (eBook); 978-3-319-09095-5 (print).

"How free admittance affects charged visits to museums: An analysis of the Italian case", *Oxford Economic Papers*, 2018, vol. 70 n. 3, pp. 680-98, DOI: 10.1093/oepp/gpy011 (with Tiziana Cuccia).

Tourism Economics

"Is Cultural Heritage Really Important for Tourists? A Contingent Rating Study", *Applied Economics*, 2007, vol. 39, pp. 261-271 (with Tiziana Cuccia).

"Investment in Tourism Market: A Dynamic Model of Differentiated Oligopoly", *Environmental and Resource Economics*, 2006, vol. 35, pp. 41-58 (with Guido Candela).

"Countries' Size, Consumers' Preferences and Specialization in Tourism: a Note", *RISEC- Rivista Internazionale di Scienze Economiche e Commerciali*, vol. 44 n. 2, pagg. 451-457. (Con Guido Candela).

"Private and Public Incentive to Reduce Seasonality: A Theoretical Model", *Economics: The Open-Access, Open-Assessment E-Journal*, 2012, Vol. 6, 2012-43 (with Giuseppe Rizzo)

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

"Regional public spending for tourism in Italy: An empirical analysis", *Tourism Economics*, 2013, vol. 19 n. 6, pp. 1361-84 (with Gianpiero Torrasi).

"Museum & Monument Attendance and Tourism Flow: A Time Series Analysis Approach", *Applied Economics*, 2013, vol. 45 n. 24, pp. 3473-82 (with Tiziana Cuccia).

"The economic resilience of tourism industry in Italy: What the 'great recession' data show", *Tourism Management Perspectives*, 2015, vol 16, pp. 346-56. (with Tiziana Cuccia); doi: 10.1016/j.tmp.2015.09.007

"Do economic crises lead tourists to closer destinations? Italy at the time of the Great Recession", *Papers in Regional Science*, 2016, DOI: 10.1111/pirs.12242 (with Gianluca Cafiso and Tiziana Cuccia).

Miscellaneous

Miscellaneous - theory

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

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

. "Efficiency and Equity in Anarchy and other Historical Social Systems: A Simple Exploratory Model", *EconomiaPolitica - Journal of analytical and institutional economics*, 2011, vol 28 n. 1, pp. 15-49 (with Guido Candela).

Miscellaneous - empirical analyses

"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).

"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).

"Are exchange rates really free from seasonality? An exploratory analysis on monthly time series", *Open Economics Journal*, 2011, vol. 4, pp. 44-48 (with Tiziana Cuccia)

"Seasonal processes in the Euro – US Dollar daily exchange rate", *Applied Financial Economics*, 2014, Vol. 24 n. 3, pp. 161–174, (With Tiziana Cuccia)

"Fiscal Consolidations and Public Debt in Europe", *International Tax and Public Finance*, 2014, vol. 21 n. 4, pp. 614-44 (with Gianluca Cafiso); doi: 10.1007/s10797-014-9319-y