

GIOVANNI DOSI

Born on August 25, 1953 in Fiorenzuola d'Arda (Piacenza), Italy.

EDUCATION

- July 1983** D. Phil., Economics, University of Sussex (Supervisor T. Barna), with a dissertation on *Technical Change and Industrial Transformation. The Theory and an Application to the Semiconductor Industry*
- 1977-78** Specialization at ISTAO, Ancona, Italy
- February 1976** "Laurea", Faculty of Philosophy (110/110 cum laude) with a thesis on *Keynes' General Theory: Income Distribution and Economic Activity*

CURRENT POSITIONS

- Since October 2006** Visiting Professor, University of Manchester, UK
- Since 2005** Co-Director of the task force on Intellectual Property Rights, Initiative for Policy Dialogue (Joseph Stiglitz chairman), Columbia University, New York [IPR](#)
- Since 2004** Elected Member of the Presidential Committee of SIE (Italian Economic Society)
- Since 2003** Co-Director of the task force on Industrial Policy, Initiative for Policy Dialogue (Joseph Stiglitz chairman), Columbia University, New York [IP](#)
- Since October 1998** Professor of Economics
Coordinator of LEM, Laboratory of Economics and Management [LEM](#)
Scuola Superiore Sant'Anna, Pisa, Italy [SSSUP](#)
- Since 1992** Editor for Continental Europe of *Industrial and Corporate Change* [ICC](#)

RESEARCH, TEACHING AND CONSULTING ACTIVITIES

- Since 1980** Research consultant for, among others, OECD, Brazilian Ministry of Planning, UNCTAD, French Ministry of Research, Italian Ministry of Research, EU Commission

2000-2001	Visiting Research Fellow, Italian Academy, Columbia University, New York
1987-1998	Professor of Applied Economics, Faculty of Statistics, University of Rome "La Sapienza"
Sept 1994-Febr 1995	Visiting Professor, University of Paris XIII, Villetaneuse and Senior Consultant, INRA, Ivry, France
Nov 1992-June 1993	Visiting Scholar, Center for Research in Management, Graduate Business School, University of California, Berkeley
1992-1997	Director, International Research Project on "Technological and Economic Dynamics" at the International Institute of Applied System Analysis (IIASA), Laxenburg, Austria
Nov 1989-Jan 1990	Visiting Professor, University of Maputo, Mozambique
October 1986	Transamerican Visiting Professor, Berkeley Business School, U.C. Berkeley
Aug-Sept 1986	Visiting Scholar, Stanford University
April 1986	Visiting Professor, Laboratory of Political Theory, Indiana University, Bloomington
1984-1987	Research Fellow, DAEST, Istituto Universitario di Architettura e Urbanistica, Venice, Italy and Visiting Fellow, SPRU, University of Sussex
Aug-Dec 1983	Visiting Professor, Instituto de Economia Industrial, Federal University of Rio de Janeiro
1980-83	Research fellow, first at SERC, University of Sussex, (80-81) and, then, at the Science Policy Research Unit (SPRU), University of Sussex

HONOURS AND PRIZES

1997-to present	Honorary Research Professor, University of Sussex
1994	Kapp Prize (jointly with L. Marengo, A. Bassanini and M. Valente) of the International Society of Evolutionary and Political Economy
1993-1997	Honorary Research Fellow, Science Policy Research Unit, University of Sussex

WORKS AND PUBLICATIONS

1. "La 'Teoria Generale': Saggio sulla Rivoluzione Keynesiana", in M.C. Marcuzzo (ed.), *Problemi e storia delle teorie economiche*, Milano, Mazzotta, 1976
2. "Sul Ruolo della Teoria del Valore-Lavoro in Marx", *Quaderni della Fondazione Feltrinelli*, n. 3, 1978
3. "Una Stima del Contributo del Bilancio della Pubblica Amministrazione alla Formazione della Domanda in sei Paesi OECD, 1967-74", *Rivista Internazionale di Scienze Economiche e Commerciali*, June 1979
4. "A Simple Illustrative Model of the Impact of Increasingly Labour-Saving Technical Progress on Employment in an Open Economy", *SERC*, University of Sussex, 1979, mimeo
5. "De-Industrializzazione e Politiche Economiche: il Caso Inglese", *L'Industria - Rivista di Economia e Politica Industriale*, n. 1, 1980
6. "The European Process Plant Industry", *Interim Report*, *SERC*, University of Sussex, 1981, (in collaboration with Tibor Barna, Jonathan Ayles, Daniel Jones, Report to EEC Commission
7. *Technical Change and Survival: The European Semiconductor Industry*, Brighton, Sussex European Papers, 1981
8. "Trade, International Adjustment, Technical Innovation", *SERC*, University of Sussex, 1981, mimeo
9. "Institutions and Markets in High-Technology: Government Support for Microelectronics in Europe", in C. Carter (ed.), *Industrial Policies and Innovation*, London, NIESR/Heinemann, 1981
10. "Technology, Industrial Structures and International Economic Performance", Paris, *OECD*, DSTI/SPR/81.43, 1981
11. "Direzione e Tasso di Innovazione, Struttura Industriale e Indicatori di Performance Economica", in F. Onida (ed.), *Valutazioni Preliminari per uno Studio su Vincolo Energetico, Innovazione Tecnologica e Collocazione Internazionale dell'Industria Italiana*, Milano, Istituto di Ricerca Sociale, 1981
12. "On Engines, Thermostats, Bicycles and Tandems, or, Moving Some Steps Towards Economic Dynamics", Brighton, *SPRU*, mimeo, 1982
13. "La Circolarità tra Crescita del Reddito e produttività: Alcune Note sulla 'Legge di Verdoorn-Kaldor'", *L'Industria*, 1982
14. "International Specialisation, Technical Change and Industrial Interdependencies. Some Notes on Economic Signals and Context Conditions", Brighton, *SPRU*, mimeo, 1982

15. "Technological Paradigms and Technological Trajectories. A Suggested Interpretation of the Determinants and Directions of Technical Change", *Research Policy*, 1982
16. "Technological Paradigms and Technological Trajectories. The Determinants and Directions of Technical Change and the Transformation of the Economy" in C. Freeman (ed.) *Long Waves in the World Economy*, London, Butterworth, 1983 (2nd ed. London, Francis Pinter, 1984
17. Dosi G., L. Soete, *Technology and Employment in the Electronics Industry*, London, Francis Pinter, 1983
18. "Tecnologia, Struttura Industriale e Performance Economica Internazionale: Alcune Ipotesi Teoriche", in F. Momigliano and G. Dosi, *Tecnologia e Organizzazione Industriale*, Bologna, Il Mulino, 1983
19. Dosi G., L. Soete, "Technology and Cost-Based Adjustments: Some Explorations on the Determinants of International Competitiveness", *Metroeconomica*, 1983
20. "Sul Rapporto tra Sistema delle Tecnologie e Condizioni di Sviluppo Macroeconomico", in AA. VV., *Le Trasformazioni del Welfare State tra Storia e Prospezione del Futuro*, Bari, De Donato, 1984
21. "Technology and Conditions of Macroeconomic Development. Some Notes on Adjustment Mechanism and Discontinuities in the Transformation of Capitalist Economies" in C. Freeman (ed.), *Innovation, Design and Long-Cycles in Economic Development*, London, Royal College of Arts, 1984
22. *Technical Change and Industrial Transformation - The Theory and an Application to the Semiconductor Industry*, London, Macmillan, 1984; American Edition: New York, St. Martin Press, 1984
23. "Economic Signals in a Changing World. A Note on New Technologies, Comparative Advantages and Growth, and Some Policy Implications", Brighton, SPRU, University of Sussex, 1984
24. "Semiconductors: Europe's Precarious Survival in High Technology", in G. Shepherd, F. Duchêne, C. Saunders (eds.), *Europe's Industries. Public and Private Strategies for Change*, London, Frances Pinter, 1984
25. "Technology Gaps, Cost-Based Adjustments and Industrial Organizations. A Theoretical Exploration of the Determinants of International Competitiveness", Brighton, SPRU, mimeo, 1984
26. "Economic Signals in a Changing World. An Introductory View of Technologies, Comparative Advantages and Growth", Brighton, SPRU, mimeo, 1984
27. "International Differences in Labour Productivities and International Gaps in Technology", Brighton, SPRU, mimeo, 1984
28. "Absolute and Comparative Advantages in International Trade: Some Empirical Evidence", Brighton, SPRU, mimeo, 1984

29. "Le Politiche Industriali: Interventi Istituzionali e Meccanismi di Mercato", *Politica ed Economia*, 1984
30. Dosi G., L. Orsenigo "Regulation, Dominance and Market Processes in the Theory of Technical Change", prepared for the Conference *The Impact of Technology, Labour Market Processes and Financial Structures on Economic Stability and Progress*, George Washington University, Saint Louis, May 1985, Working Paper
31. "Asimmetrie Tecnologiche e Costi Relativi: Alcune Note di Teoria", in F. Onida (1985, [c.f. ref. 32])
32. Dosi G., L. Soete "Vantaggi Assoluti e Vantaggi Comparati nel Commercio Internazionale: Alcuni Elementi di Evidenza Empirica" in F. Onida (ed.) *Innovazione, Competitività e Vincolo Energetico*, Bologna, Il Mulino, 1985
33. "Technology Gaps, International Specialization and Patterns of Growth in Open Economies", Brighton, SPRU, University of Sussex, DRC Discussion Paper, 1986
34. Cimoli M., G. Dosi, and L. Soete, "Innovation Diffusion, Institutional Differences and Patterns of Trade: A North - South Model", Brighton, SPRU, DRC Discussion Paper, 1986
35. Dosi G., M. Moggi, "La Capacità Innovativa Italiana: Alcuni Confronti Internazionali Inter-Settoriali e Inter-Regionali", in F. Onida (ed.), *Vincolo Estero Struttura Industriale e Credito all'Esportazione*, Bologna, Il Mulino, 1986
36. "Tendenze dei Processi d'Innovazione e Scenari Socio-Economici", *Oltre il Ponte*, n. 13, 1986
37. "Institutions and Markets in a Dynamic World", *The Manchester School*, 1988.
38. "Innovazione e Dinamica Industriale", in G. Zanetti (ed.), *Alle Radici della Struttura Produttiva Italiana*, Roma, Editore SIPI, 1988
39. "Alcune Riflessioni su Mutamento Tecnico e Fabbisogni Energetici", in C.M. Guerci and G. Zanetti (ed.), *Sviluppo Economico e Vincolo Energetico*, Bologna, Il Mulino, 1988
40. Dosi G., M. Moggi, "Diffusione delle Tecnologie Elettroniche ed Evoluzione della Struttura Industriale Contemporanea" in G.P. Barbetta and F. Silva (ed.), *Trasformazioni Strutturali dell'Industria Italiana*, Bologna, Il Mulino, 1988
41. Dosi G., G. Silverberg and L. Orsenigo, "Innovation, Diversity and Diffusion: A Self-Organising Model", *The Economic Journal*, 1988
42. "Sources, procedures and Microeconomic Effects of Innovation", *Journal of Economic Literature*, 1988
43. Dosi G., C. Freeman, R. Nelson, G. Silverberg and L. Soete, *Technical Change and Economic Theory*, London, Francis Pinter and New York, Columbia University Press, 1988

44. Dosi G., L. Orsenigo, "Industrial Structures and Technological Progress", in A. Heertje (ed.), *Technology, Innovation and Finance*, Oxford, Basil Blackwell, 1988
45. Dosi G., L. Orsenigo, "Coordination and Transformation : An Overview of Structures, Behaviours and Change in Evolutionary Environments", in G. Dosi et al. (ed.), 1988, [ref. 43]
46. "The Nature of Innovative Process", in G. Dosi et al. (ed.), 1988, [ref. 43]
47. Coricelli F., G. Dosi, "Coordination and Order in Economic Change, and the Interpretative Power of Economic Theory", in G. Dosi et al. (ed.), *Technical Change and Economic Theory*, cit. 1988
48. Dosi G., L. Soete, "Technical Change and International Trade", in G. Dosi et al. (ed.), 1988, [ref. 43]
49. Dosi G., M. Egidi, "A Bounded Rationality Approach to Uncertainty and Innovation", in M. Campanella (ed.), *Between Rationality and Cognition*, Torino-Geneve, A. Maynier, 1988
50. Cimoli M., G. Dosi, "Technology and Development: Some implications of Recent Advances in the Economics of Innovation for the Process of Development", in D. Ernst and A. Wad (ed.), *Science, Technology and Development*, Boulder (Col., Westview Press, 1988
51. "Economia dell'Innovazione ed Evoluzione Economica", in M. Amendola (ed.), *Innovazione e Progresso Tecnico*, Bologna, Il Mulino, 1989
52. "Comments on Aoki and Rosenberg", in T. Shiraishi and S. Tsuru (ed.), *Economic Institutions in a Dynamic Society*, London, Macmillan, 1989
53. Dosi G., L. D'Andrea Tyson and J. Zysman, "Trade, Technologies and Development: A Framework for Discussing Japan", In C. Johnson, L. D'Andrea Tyson and J. Zysman (ed.), *Politics and Productivity. The Real Story of Why Japan Works*, Cambridge (Mass.), Ballinger, 1989
54. "Innovacion, Difusion y Dinamica Industrial", in D. Chudnovsky and J. C. Del Bello (eds.), *Las Economias de Argentina e Italia*, Buenos Aires and Mexico City, Fondo de Cultura Economica, 1989
55. Dosi G., J. Zysman and L. D'Andrea Tyson "Technology, Trade Policies and Schumpeterian Efficiency" in J. De La Mothe and L. M Ducharme (ed.), *Science, Technology and Free Trade*, London, Francis Pinter, 1990
56. Dosi G., D. Teece and S. Winter, "Les Frontières des Entreprises: vers une Théorie de la Cohérence de la Grande Entreprise", *Revue d'Economie Industrielle*, 1990
57. Cimoli M., G. Dosi, M., "The Characteristics of Technology and the Development Process: Some Introductory Notes", in M. Chatterji (ed.), *Technology Transfer in Developing Countries*, London, Macmillan, 1990
58. "Innovazione, Diffusione, Apprendimento nell'Industria in Europa: Una Valutazione delle Capacità Tecnologiche dell'Europa occidentale", in A. Ruberti (ed.), *Europa a Confronto*, Bari, SEAT/Laterza, 1990

59. "Finance, Innovation and Industrial Change", *Journal of Economic Behavior and Organization*, 1990
60. Dosi G., K. Pavitt and L. Soete, *The Economics of Technical Change and International Trade*, Brighton, Wheatsheaf and New York, New York University Press, 1990
61. "Economic Change and its Interpretation, or, Is there a 'Schumpeterian approach?' " in A. Heertje e M. Perlman (ed.), *Evolving Technology and Market Structure*, Ann Arbor, Michigan University Press, 1990
62. Coricelli F., G. Dosi, and L. Orsenigo, "Microeconomic Dynamics and Macro-Regularities: An Evolutionary Approach to Technological and Institutional Change", in OECD, *Technology and Productivity*, Paris, OECD, 1991
63. Dosi G., M. Egidi, "Substantive and Procedural Uncertainty. An Exploration of Economic Behaviours in Changing Environments", *Journal of Evolutionary Economics*, 1991
64. Arcangeli F., G. Dosi, and M. Moggi, "Patterns of Diffusion of Electronics Technologies: An International Comparison with Special Reference to the Italian case", *Research Policy*, 1991
65. Dosi G., J. S. Metcalfe "On Some Notions of Irreversibility in Economics", in P. Saviotti and S. Metcalfe (eds.), *Evolutionary Theories of Economic and Technological Change*, London, Harwood Academic Press, 1991
66. "Approches de l'irréversibilité en théorie économique", in *Les figures de l'irréversibilité en économie*. Paris, Édition de l'École des Hautes Etudes en Sciences Sociales, 1991
67. "Perspectives on Evolutionary Theory", *Science and Public Policy*, 1991
68. "Una Reconsideracion de las Condiciones y los Modelos del Desarrollo. Una Perspectiva "Evolucionista" de la Innovacion, el Comercio y el Crecimiento" *Pensamiento Iberoamericano*, n. 20, 1991
69. Chiaromonte F., G. Dosi, "The Microfoundations of Competitiveness and their Macroeconomic Implications", in D. Foray and C. Freeman (eds.), *Technology and The Wealth of Nations*, London, Francis Pinter, 1992
70. Dosi G., R. Giannetti and P.A. Toninelli, "Theory and History of Technology and Business Firms: The Microeconomics of Industrial Development" in G. Dosi, R. Giannetti and P.A. Toninelli (ed.), *Technology and the Enterprise in a Historical Perspective*, Oxford, Clarendon Press of Oxford University Press, 1992
71. Dosi G., D. Teece and S. Winter, "Toward a Theory of Corporate Coherence: Preliminary Remarks", in G. Dosi, R. Giannetti and P.A. Toninelli (ed.), *Technology and the Enterprise in a Historical Perspective*, Oxford, Clarendon Press of Oxford University Press, 1992
72. "Performances, Interactions and Evolution in the Theory of Industrial Organization" in A. Del Monte (ed.), *Recent Developments in Industrial Organization*, London, Macmillan, and Ann Arbor, University of Michigan Press, 1992

73. Aoki M., G. Dosi, "Corporate Organization, finance and innovation", in V. Zamagni (ed.), *Finance and the Enterprise. Facts and Theories*, New York, Academic Press, 1992
74. Dosi G., R. Salvatore, "The Structure of Industrial Production and the Boundaries between Firms and Markets", in A. Scott and M. Storper (ed.), *Pathways to Industrialization and Regional Development*, London, Routledge, 1992
75. Dosi G., M. Moggi, "Piccole e Medie Imprese e Innovazione in Italia", *L'Industria*, 1992
76. "Industrial Organisation, Competitiveness and Growth", *Revue d'Economie Industrielle*, 1992
77. "Research on Innovation Diffusion: An Assessment", in A. Grubler and N. Nakicenovic (eds.), *Innovation Diffusion and Social Behaviors*, Heidelberg/Berlin/New York, Springer Verlag, 1992
78. "Evolutionäre Ansätze der Industrieökonomik - Konsequenzen für eine Industrie - und Technologiepolitik", in F. Meyer -Kramer (ed.), *Innovations-ökonomie und Technologie-politik*, Heidelberg, Phisica-Verlag, 1993
79. Dosi G., B. Kogut, "National Specificities and the Context of Change: The Co-evolution of Organization and Technology", in B. Kogut (ed.) *Country Competitiveness - Technology and Re-organization of Work*, Oxford University Press, 1993
80. Chiaromonte F., G. Dosi, and L. Orsenigo, "Innovative Learning and Institutions in the Process of Development: on the Microfoundations of Growth Regimes", in R. Thomson (ed.), *Learning and Technological Change*, London, Macmillan, 1993
81. Amendola G., G. Dosi, and E. Papagni, "The Dynamics of International Competitiveness", *Weltwirtschaftliches Archiv*, 1993
82. Chiaromonte F., G. Dosi, "Heterogeneity, Competition and Macroeconomic Dynamics", *Structural Change and Economic Dynamics*, 1993
83. Dosi G., L. Marengo, "Some elements of an Evolutionary Theory of Organizational Competence", in W. England (ed.), *Evolutionary Concepts in Contemporary Economics*, Ann Arbor, The University of Michigan, 1994
84. Dosi G., R. Nelson, "An Introduction to Evolutionary Theories in Economics", *Journal of Evolutionary Economics*, 1994
85. Dosi G., Y. Ermoliev and Y. Kaniovski, "Generalized Urn Schemes and Technological Dynamics", *Journal of Mathematical Economics*, 1994
86. Dosi G., C. Freeman and S. Fabiani "The Process of Economic Development. Introducing some stylized Facts and Theories on Technologies, Firms and Institutions", *Industrial and Corporate Change*, 1994

87. Dosi G., S. Fabiani, R. Aversi and M. Meacci, "The Dynamics of International Differentiation. A Multi-Country Evolutionary Model", *Industrial and Corporate Change*, vol. 3, n. 1, 1994
88. Dosi G., C. Freeman, S. Fabiani, R. Aversi, "The diversity of development patterns: Catching-up, forging ahead and falling behind", in L. L. Pasinetti and R. M. Solow (eds.), *Economic Growth and the Structure of Long-Term Development*, London, Macmillan, 1994
89. Dosi G., S. Fabiani, "Convergence and Divergence in the Long-Term Growth of Open Economics", in G. Silverberg and L. Soete (eds.), *The Economics of Growth and Technological Change*, Aldershot, Edward Elgar, 1994
90. Teece D., R. Rumelt, G. Dosi, S. Winter, "Understanding Corporate Coherence: Theory and Evidence", *Journal of Economic Behavior and Organization*, 1994
91. Dosi G., F. Malerba and L. Orsenigo, "Evolutionary Regimes and Industrial Dynamics", in L. Magnusson (ed.), *Evolutionary Approaches to Economics*, Boston, Kluwer, 1994
92. Dosi G., L. Orsenigo, "Macrodynamics and microfoundations: an evolutionary perspective", in O. Granstrand (ed.), *Economics of Technology*, Amsterdam, Elsevier North Holland, 1994
93. Coriat B., G. Dosi, "Evolutionisme et Regulationisme: Differences et Convergences", in R. Boyer and F. Saillard (eds.), *Theorie de la Regulation: Etat du Savoir*, Paris, La Decouverte, 1994
94. Dosi G., Y. Kaniovski, "On 'Badly Behaved' Dynamics. Some Applications of Generalized Urn Schemes to Technological and Economic Change", *Journal of Evolutionary Economics*, 1994
95. Cimoli M., G. Dosi, "Technological Paradigms, Patterns of Learning and Development: An Introductory Roadmap", *Journal of Evolutionary Economics*, 1995
96. Dosi G., O. Marsili, L. Orsenigo, R. Salvatore, "Learning, Market Selection and The Evolution of Industrial Structures", *Small Business Economics*, 1995
97. "Hierarchies, Markets and Power: Some Foundational Issues on the Nature of Contemporary Economic Organizations", *Industrial and Corporate Change*, Vol. 4 n. 1, 1995
98. "The Contribution of Economic Theory to the Understanding of a Knowledge-based Economy", in D. Foray and B.A. Lundvall (eds.), *Knowledge, Employment and Growth*, Paris, OECD, 1996
99. Dosi G., F. Malerba (eds.), *Organization and Strategy in the Evolution of the Enterprise*, London, MacMillan, 1996
100. Dosi G., F. Malerba, "Organizational Learning and Institutional Embeddedness. An Introduction to the Diverse Evolutionary Paths of Modern Corporations" in G. Dosi et al., 1996 [ref. 99]

101. Cohen M.D., R. Burkhart, G. Dosi, M. Egidi, L. Marengo, M. Warglien, and S. Winter, "Routines and other recurring action patterns of organizations: contemporary research issues", *Industrial and Corporate Change*, Vol. 5, n. 3, pp. 653-698, 1996
102. Dosi G., D. Lovallo, "Rational Entrepreneurs or Optimistic Martyrs? Some Considerations on Technological Regimes, Corporate Entries and the Evolutionary Role of Decision Biases", in R. Garud, P.R. Nayyar and Z.B. Shapira (eds.), *Technological Innovation Oversights and Foresights*, Cambridge/New York, Cambridge University Press, 1997
103. "Organizational Competences, Size and The Wealth of Nations: Some Comments from a Comparative Perspective", in A. Chandler et al. (eds.), *Big Business and the Wealth of Nations*, Cambridge, Cambridge University Press, 1997
104. "Opportunities, incentives and the collective patterns of technical change", *Economic Journal*, 1997
105. Dosi G., F. Malerba, O. Marsili and L. Orsenigo, "Industrial Structures and Dynamics: Evidence, Interpretations and Puzzles", *Industrial and Corporate Change*, Vol. 6 n. 1, 1997
106. Coriat B., G. Dosi, "Learning How to Govern and Learning How to Solve Problems. On the Co-Evolution of Competences, Conflicts and Organizational Routines", in A. Chandler, P. Hagström and Ö. Sölvell (eds.), *The Dynamic Firm*, Oxford/New York, Oxford University Press, 1998
107. Dosi G., D. Teece, "Organizational Competences and the Boundaries of the Firm", in R. Arena and C. Longhi (ed.), *Markets and Organizations*, Berlin/Heidelberg/New York, Springer-Verlag, 1998
108. Dosi G., R. Nelson, "Evolutionary Theories", in R. Arena and C. Longhi (ed.), *Markets and Organizations*, Berlin/Heidelberg/New York, Springer-Verlag, 1998
109. Dosi G., G. Fagiolo, "Exploring the Unknown. On Entrepreneurship, Coordination and Innovation - Driven Growth", in J. Lesourne and A. Orlan (eds.), *Advances in Self-Organization and Evolutionary Economics*, Paris, Economica, 1998
110. Coriat B., G. Dosi, "The Institutional Embeddedness of Economic Change. An Appraisal of the "Evolutionary" and the "Regulationist" Research Programme", in K. Nielsen and B. Johnson (eds.), *Institutions and Economic Change*, Cheltenham, Edward Elgar, 1998
111. Dosi G., D. Teece and J. Chytry (eds.), *Technology, Organization and Competitiveness*, Oxford/New York, Oxford University Press, 1998
112. Dosi G., G. Fagiolo, and L. Marengo, "Modelli ed evidenza empirica su quel poco che sappiamo dell'apprendimento in mondi che cambiano", in A. Vercelli (eds.) *Incertezza, razionalità e decisioni economiche*, Il Mulino, 1998

113. Dosi G., G. Fagiolo, R. Aversi, M. Meacci and C. Olivetti, "Cognitive Processes, Social Adaptation and Innovation in Consumption Patterns: from Stylized Facts to Demand Theory", in S. C. Dow, P. E. Earl (eds.), *Economic Organizations and Economic Knowledge. Essay in Honour of Brian Loasby, Vol.1*, Cheltenham, Edward Elgar, 1999
114. Aversi R., G. Dosi, G. Fagiolo, M. Meacci and C. Olivetti "Demand Dynamics with socially evolving preferences", *Industrial and Corporate Change*, 1999
115. Chiaromonte F., G. Dosi, "Modeling a Decentralized Asset Market: An Introduction to the Financial 'Toy-Room'", Laxenburg, Austria, IIASA, Interim Report, 1999
116. "Some Notes on National Systems of Innovation and Production, and their Implications for Economic Analysis", in Archibugi D., J. Howells and J. Michie (eds.), *Innovation Policy in a Global Economy*, Cambridge, Cambridge University Press, 1999
117. Dosi G., L. Marengo, A. Bassanini and M. Valente, "Norms as Emergent Properties of Adaptive Learning. The Case of Economic Routines", *Journal of Evolutionary Economics*, 1999 [a reduced version is published in P.A. Danielson (ed.) *Modeling Rationality and Evolution*, New York/Oxford, Oxford University Press, 1998]
118. Marengo L., G. Dosi, P. Legrenzi, and C. Pasquali, "The Structure of Problem-Solving Knowledge and the Structure of Organizations", *Industrial and Corporate Change*, 2000
119. Dosi G., L. Marengo, *On the Tangled Intercourses between Transaction Cost Economics and Competence-Based Views of the Firm: A Comment*, in N. Foss and V. Mahnke (eds.), *Competence, Governance and Entrepreneurship*, Oxford University Press, 2000
120. Dosi G., R. Nelson and S. Winter (eds.), *The Nature and Dynamics of Organizational Capabilities*, Oxford/New York, Oxford University Press, 2000
121. Dosi G., S. Winter and Y. Kaniovski, "Modeling Industrial Dynamics with Innovative Entrants", *Structural Change and Economic Dynamics*, 2000
122. Bassanini A, G. Dosi, "When and How Chance and Human Will Can Twist the Arm of Clio", in R. Garud and P.Karnoe (eds.), *Path Creation and Path Dependencies*, Nahwah, N.Y., Lawrence Erlbaum Publishers, 2000
123. *Innovation, Organization and Economic Dynamics. Selected Essays*, Cheltenham, Edward Elgar, 2000
124. Bottazzi G, G. Dosi, M. Lippi, F. Pammolli and M. Riccaboni, *Processes of corporate growth in the evolution of an innovation-driven industry. The case of pharmaceuticals*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper, 2000
125. Coriat B., G. Dosi, K. Pavitt, *Competences, Capabilities and Corporate Performances: Final Report to the European Union*, Pisa, Scuola Superiore Sant'Anna, Dynacom Working Paper, 2000

126. Bottazzi G., G. Dosi, M. Lippi, F. Pammolli and M. Riccaboni, "Innovation and corporate growth in the evolution of the drug industry", *International Journal Of Industrial Organization*, 19, 2001
127. Bottazzi G, G. Dosi, and G. Rocchetti, "Modes of Knowledge Accumulation, Entry Regimes and Patterns of Industrial Evolution", *Industrial and Corporate Change*, 2001
128. Bassanini A, G. Dosi, "Heterogenous Agents, Complementarities and Diffusion: Do Increasing Returns Imply Convergence to International Technological Monopolies?", in D. Delli Gatti, M. Gallegati and A. Kirman (eds.), *Market Structure, Aggregation and Heterogeneity*, Cambridge, Cambridge University Press, 2001
129. Dosi G., G. Fagiolo, and L. Marengo, "On the Dynamics of Cognition and Actions. An assessment of some models of learning and evolution", in A. Nicita and U. Pagano (eds.), *The Evolution of Economic diversity*, Routledge, 2001
130. Bottazzi G., G. Dosi, and G. Fagiolo, "On the Ubiquitous Nature of Agglomeration Economies and Their Diverse Determinants: Some Notes", in A. Quadrio Curzio and M. Fortis (eds), *Complexity and Industrial Clusters*, Physica-Verlag, Heidelberg New York, 2001
131. Bottazzi G, E. Cefis, and G. Dosi, "Corporate Growth and Industrial Structure. Some Evidence from the Italian Manufacturing Industry", *Industrial and Corporate Change*, 2002
132. Dosi G., Malerba F., "Interpreting Industrial Dynamics Twenty Years After Nelson and Winter's Evolutionary Theory of Economic Change: A Preface", *Industrial And Corporate Change*. Pp. 619-622, 2002
133. Dosi G., S.G. Winter, "Interpreting economic change: evolution, structures and games", in M. Augier and J. March (eds.) *The Economics of Choice, Change and Organizations: Essays in Memory of Richard M. Cyert*, M. Cheltenham, UK, Edward Elgar, 2002
134. Bottazzi G, G. Devetag, and G. Dosi, "Adaptive Learning and Emergent Coordination in Minority Games", *Simulation Modelling Practice and Theory*, 10, 2002
135. Bottazzi G, G. Dosi, and G. Fagiolo, *Mapping Sectoral Patterns of Technological Accumulation into the Geography of Corporate Locations. A simple model and Some Promising Evidence*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2002/21
136. Dosi G., C. Castaldi, *Local and Divergent Patterns of Technological Learning within (Partly Globalized Markets. Is There Anything New? And What Can Policies Do About It? A Concise Guide*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2002/22
137. Dosi G., D. Levinthal and L. Marengo, *The Uneasy Organizational Matching Between Distribution of Knowledge, Division of Labor and Incentive Governance*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2002/26

138. Dosi G., C. Castaldi "Padrões Locais e Divergentes de Aprendizagem Tecnológica em Mercados (parcialmente Globalizados – Haverá Algo de Novo? E que Podem Fazer as Medidas Políticas a Esse Respeito? Um Manual Conciso" in A.C. Castro (ed.), *Desenvolvimento em Debate, Novos Rumos do Desenvolvimento no Mundo*, BNDSE, Rio de Janeiro, Brazil, 2002
139. Coriat B., G. Dosi, "Problem solving and Coordination-Governance: Advances in a Competence-Based Perspective on the Theory of the Firm", *Revista Brasileira de Inovação*, No. 1, June 2002
140. Coriat B., G. Dosi, "The Nature and Accumulation of Organizational Competences/Capabilities", *Revista Brasileira de Inovação*, No. 2, Dec. 2002
141. Dosi G., M. Hobday and L. Marengo, "Problem-solving Behaviors, Organizational Forms, and the Complexity of Tasks", in C. E. Helfat (ed.) *The SMS Blackwell Handbook of Organizational Capabilities Emergence, Development, and Change*, London, Blackwell Publishing, 2003
142. Dosi G., S. Winter "Interprétation évolutionniste du changement économique. Une étude comparative", *Revue Economique*, Vol. 54, No. 2, Mars 2003
143. "L'Economia Come Scienza Sociale Empiricamente Fondata", *Sistemi Intelligenti*, Il Mulino, 2003
144. Dosi G., D. Levinthal and L. Marengo, "Bridging Contested Terrain: Linking Incentive-Based and Learning Perspectives on Organizational Evolution", *Industrial and Corporate Change*, April 2003
145. Bottazzi G, G. Dosi, and G. Devetag, "Adaptive Coordination and Aggregate Efficiency in Minority Games", in R. Cowan and N. Jonard (eds.) *Heterogeneous Agents, Interactions and Economic Performance*, Berlin/Heidelberg/New York, Springer Verlag, 2003
146. Castaldi C., G. Dosi, "Processi di apprendimento tecnologico e mercati globalizzati", *Stato e mercato*, 1/2003, Il Mulino, 2003
147. Dosi G., Malerba F., Teece D., "Twenty Years after Nelson and Winter's Evolutionary Theory of Economic Change: A Preface on Knowledge, The Nature of Organizations and the Patterns of Organizational Changes", *Industrial And Corporate Change*. Vol. 12(2), pp. 147-148, 2003
148. Augier M., Cohen M., Dosi G., Levinthal D., "Institutions And Organizations: Introduction To The Special Issue In Honor Of James G. March", *Industrial And Corporate Change*. Vol. 12-4, pp. 647-652, 2003
149. Fagiolo G., G. Dosi, "Exploitation, exploration and innovation in a model of endogenous growth with locally interacting agents", *Structural change and Economic Dynamics*, 14, 2003
150. Dosi G., Y. Kaniovski and S. Winter, "A baseline model of industry evolution", *Journal of Evolutionary Economics*, vol. 13-4, pp. 355-383, 2003
151. Dosi G., M. Hobday, L. Marengo and A. Prencipe, *The Economics of System Integration: Toward an Evolutionary Interpretation*, A. Prencipe, A. Davies, M. Hobday (eds.) *The Business of Systems Integration*, Oxford University Press, 2003

152. Castaldi C., G. Dosi, "I vincoli ereditari e le opportunità di cambiamento: alcuni risultati ed alcune domande aperte sulla path dependence in economia", *Sistemi Intelligenti*, 2/2003, Il Mulino, 2003
153. Dosi G., M. Faillo and L. Marengo, *Organizational Capabilities, Patterns of Knowledge Accumulation and Governance Structures in Business Firms An Introduction*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2003/11, forthcoming in Touffut J.P. (ed.), *Organizational Innovation within Firms*, Cheltenham, UK and Brookfield, US, Edward Elgar
154. "A Very Reasonable Objective Still Beyond Our Reach: Economics as an Empirically Disciplined Social Science", in *Models of a Man, Essays in memory of Herbert A. Simon*, Cambridge, MA, MIT Press, M. Augier and J. March (eds.) 2004
155. Castaldi C., M. Cimoli, N. Correa, and G. Dosi, , *Technological Learning, Policy Regimes and Growth in a "Globalized" Economy: General Patterns and the Latin American Experience*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2004/01
156. Fagiolo G., G. Dosi, and R. Gabriele, "Matching, Bargaining, and Wage Setting in an Evolutionary Model of Labor Market and Output Dynamics", *Advances in Complex Systems*, 14: 237-273. Also in: Leombruni, R. and Richiardi, M. (eds.), *Industry and Labor Dynamics: The Agent-based Computational Economics Approach*, Singapore, World Scientific Press, 2004
157. Dosi G., D.J. Teece, and J. Chytry (eds.), *Understanding Industrial and Corporate Change*, Oxford University Press, 2004
158. Bottazzi G., G. Dosi, and I. Rebesco "Institutional Architectures and Behavioural Ecologies in the Dynamics of Financial Markets", *Journal of Mathematical Economics*, 41: 197-228, 2005
159. Fagiolo G., G. Dosi, and R. Gabriele, "Towards an Evolutionary Interpretation of Aggregate Labor Market Regularities" in *Entrepreneurship, the New Economy and Public Policy*, Cantner U, E. Dinopoulos, R.F. Lanzillotti (eds.), Springer, Berlin, 2005
160. Dosi G., L. Orsenigo and M. Sylos Labini, "Technology and the Economy", in N.J. Smelser and R. Swedberg (eds.) *The Handbook of Economic Sociology*, 2nd ed., Princeton University Press, Russell Sage Foundation, 2005
161. Dosi G., L. Marengo and G. Fagiolo, "Learning in Evolutionary Environments", in K. Dopfer (ed.) *The Evolutionary Foundations of Economics*, Cambridge, Cambridge University Press, 2005
162. Marengo L., G. Dosi, "Division of Labor, Organizational Coordination and Market Mechanisms in Collective Problem-Solving", *Journal of Economic Behavior and Organization*, vol. 58, pp. 303-326, 2005
163. Bottazzi G, G. Dosi, and G. Fagiolo, "On Sectoral Specificities in the Geography of Corporate Location", in S. Breschi, and F. Malerba (eds.) *Clusters, Networks, and Innovation*, Oxford University Press, Oxford, 2005

164. Castaldi C., G. Dosi, *The Grip of History and the Scope for Novelty: Some Results and Open Questions on Path Dependence in Economic Processes*, in A. Wimmer and R. Kössler (eds.), *Understanding Change. Models, Methodologies, and Metaphors*, Palgrave Macmillan, 2006
165. Mazzucato M., G. Dosi (eds.), *Knowledge Accumulation and Industry Evolution*, Cambridge, Cambridge University Press, 2006
166. Dosi G., M. Grazzi "Technologies as problem-solving procedures and technologies as input-output relations: some perspectives on the theory of production", in *Industrial and Corporate Change*, vol. 15-1, pp. 173-202, 2006
167. Cimoli M., G. Dosi, R.R. Nelson, and J. Stiglitz *Institutions and Policies Shaping Industrial Development: An Introductory Note*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2006/02
168. Bassanini A., G. Dosi, "Competing technologies, technological monopolies and the rate of convergence to a stable market structure", in Antonelli C. et al. (eds.), *New Frontiers in the Economics of Innovation and New Technology, Essays in Honor of Paul A. David*, Cheltenham, Edward Elgar, pp. 23-59, 2006
169. Dosi G., G. Fagiolo and A. Roventini, "An Evolutionary Model of Endogenous Business Cycles", *Computational Economics*, 27:1, 2006
170. Cimoli M., G. Dosi, R.R. Nelson, and J. Stiglitz, "Istituzioni e politiche che plasmano lo sviluppo industriale: una nota introduttiva", *Stato e mercato*, 2/2006, pp. 219-244, Il Mulino, 2006
171. Dosi G., L. Marengo, and C. Pasquali, "How much should society fuel the greed of innovators? On the Relations Between Appropriability, Opportunities and Rates of Innovation", *Research Policy*, 35:8, pp. 1110-1121, 2006
172. Dosi G., P. Llerena and M. Sylos Labini, "Science-Technology-Industry Links and the "European Paradox": Some Notes on the Dynamics of Scientific and Technological Research in Europe", *Research Policy*, 35:10, pp.1450-1464, 2006. Also in Lorenz E., B-A Lundvall (eds.), *How Europe's Economies Learn. Coordinating competing models*, Oxford, Oxford University Press, 2006
173. Dosi G., F. Malerba, G. Ramello, and F. Silva, "Information, appropriability and the generation of innovative knowledge, four decades after Arrow and Nelson: An Introduction", *Industrial and Corporate Change*, 15:6, pp. 891-901, 2006
174. Dosi G., M. Faillo, L. Marengo, *Toward Formal Representations of Search Processes and Routines in Organizational Problem Solving. An Assessment of the State of the Art*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2006/10, 2006
175. Bottazzi G, G. Dosi, E. Cefis and A. Secchi, *Invariances and Diversities in the Evolution of Manufacturing Industries*, Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2003/21, forthcoming *Small Business Economics*, 2007

176. Dosi G, L. Marengo, C. Pasquali, "Knowledge, competition and innovation: Is strong IPR protection really needed for more and better innovations?", *Michigan Telecommunications And Technology Law Review*, 13:2, pp. 471-485, 2007
177. *Statistical Regularities in the Evolution of Industries. A Guide through some Evidence and Challenges for the Theory*, in F. Malerba and S. Brusoni (eds.) *Perspectives on Innovation*, Cambridge, Cambridge University Press, 2007
178. Dosi G., L. Marengo, "On the Evolutionary and Behavioral Theories of Organizations: A Tentative Roadmap," forthcoming in *Organization Science*, 2007
179. Bottazzi G, G. Dosi, G. Fagiolo and A. Secchi, "Sectoral and Geographical Specificities in the Spatial Structure of Economic Activities", Pisa, Scuola Superiore Sant'Anna, LEM Working Paper 2004/21, forthcoming in *Structural Change and Economic Dynamics*, 2008
180. Gary M.S., Dosi G., Lovo D. "Boom and Bust Behavior: On the Persistence of Strategic Decision Biase", forthcoming in Hodgkinson G.P., and W.H. Starbuck (eds.), *The Oxford Handbook of Organizational Decision Making*, Oxford, Oxford University Press, 2008