

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
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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

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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
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51. "Economia dell'Innovazione ed Evoluzione Economica", in M. Amendola (ed.), *Innovazione e Progresso Tecnico*, Bologna, Il Mulino, 1989
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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
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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
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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
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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

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75. Dosi G., M. Moggi, "Piccole e Medie Imprese e Innovazione in Italia", *L'Industria*, 1992
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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
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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
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109. Dosi G., G. Fagiolo, "Exploring the Unknown. On Entrepreneurship, Coordination and Innovation - Driven Growth", in J. Lesourne and A. Orlean (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
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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
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121. Dosi G., S. Winter and Y. Kaniovski, "Modeling Industrial Dynamics with Innovative Entrants", *Structural Change and Economic Dynamics*, 2000
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