

GIOVANNI DOSI

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 1998** Professor of Economics
Coordinator of LEM, Laboratory of Economics and Management
Coordinator of the *International Doctoral Program in Economics*
Scuola Superiore Sant'Anna, Pisa, Italy
- Since July 2010** Visiting Professor, Friedrich Schiller Universität, Jena
- Corresponding Member, Accademia Nazionale dei Lincei, Class of Moral Sciences (category of Political and Social Sciences)
- Since October 2009** Honorary Professor in Innovation & Management Policy Division, Manchester Business School
- Since 2005** Co-Director of the task force on Intellectual Property Rights, Initiative for Policy Dialogue (Joseph Stiglitz chairman), Columbia University, New York
- Since 2003** Co-Director of the task force on Industrial Policy, Initiative for Policy Dialogue (Joseph Stiglitz chairman), Columbia University, New York
- Since 1992** Editor for Continental Europe of *Industrial and Corporate Change*

OTHER POSITIONS

Oct 2006 – Oct 2009	Visiting Professor, University of Manchester, UK
Feb-March 2009	Peter Moores Visiting Fellow, Said Business School, Oxford University
2007	Member of the International Advisory Panel of the Catalan Pact on Research and Innovation, Government of Catalonia
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, Villeteuse 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

CAREER AND PROFESSIONAL AWARDS; TEACHING AWARDS

Included in the list of "ISI Highly Cited Researchers" provided by Thomson Reuters – Web of Science (a Highly Cited Researcher means that an individual is among the 250 most-cited researchers in a defined discipline within a specific time-period)

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| 1997-2010 | 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 |

PROFESSIONAL LEADERSHIP

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| Since October 2010 | Vice President of the Italian Economic Society (SIE) |
| Nov 2004-Oct 2008 | Member of the Presidential Board of the Italian Economic Society (SIE) |
| 1992-1998 | Member of the Board of Management of the International J.A. Schumpeter Society |

GIOVANNI DOSI

PUBLICATIONS

1. Dosi G., "La 'Teoria Generale': Saggio sulla Rivoluzione Keynesiana", in M.C. Marcuzzo (ed.), *Problemi e storia delle teorie economiche*, Milano, Mazzotta, 1976
2. Dosi G., "Sul Ruolo della Teoria del Valore-Lavoro in Marx", *Quaderni della Fondazione Feltrinelli*, n. 3, 1978
3. Dosi G., "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. Dosi G., "De-Industrializzazione e Politiche Economiche: il Caso Inglese", *L'Industria - Rivista di Economia e Politica Industriale*, n. 1, 1980
5. Dosi G., *Technical Change and Survival: The European Semiconductor Industry*, Brighton, Sussex European Papers, 1981
6. Dosi G., "Institutions and Markets in High-Technology: Government Support for Microelectronics in Europe", in C. Carter (ed.), *Industrial Policies and Innovation*, London, NIESR/Heinemann, 1981
7. Dosi G., "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
8. Dosi G., "La Circolarità tra Crescita del Reddito e produttività: Alcune Note sulla 'Legge di Verdoorn-Kaldor'", *L'Industria*, 1982
9. Dosi G., "Technological Paradigms and Technological Trajectories. A Suggested Interpretation of the Determinants and Directions of Technical Change", *Research Policy*, 1982
10. Dosi G., "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
11. Dosi G., L. Soete, *Technology and Employment in the Electronics Industry*, London, Francis Pinter, 1983
12. Dosi G., "Tecnologia, Struttura Industriale e Performance Economica Internazionale: Alcune Ipotesi Teoriche", in F. Momigliano and G. Dosi, *Tecnologia e Organizzazione Industriale*, Bologna, Il Mulino, 1983

13. Dosi G., L. Soete, "Technology and Cost-Based Adjustments: Some Explorations on the Determinants of International Competitiveness", *Metroeconomica*, 1983
14. Dosi G., "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
15. Dosi G., "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
16. Dosi G., *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
17. Dosi G., "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
18. Dosi G., "Le Politiche Industriali: Interventi Istituzionali e Meccanismi di Mercato", *Politica ed Economia*, 1984
19. Dosi G., "Asimmetrie Tecnologiche e Costi Relativi: Alcune Note di Teoria", in F. Onida (1985, [c.f. ref. 32])
20. 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
21. 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
22. Dosi G., "Innovazione e Dinamica Industriale", in G. Zanetti (ed.), *Alle Radici della Struttura Produttiva Italiana*, Roma, Editore SIPI, 1988
23. Dosi G., "Alcune Riflessioni su Mutamento Tecnico e Fabbisogni Energetici", in C.M. Guerri and G. Zanetti (ed.), *Sviluppo Economico e Vincolo Energetico*, Bologna, Il Mulino, 1988
24. 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
25. Silverberg G., Dosi G. and L. Orsenigo, "Innovation, Diversity and Diffusion: A Self-Organising Model", *The Economic Journal*, 1988
26. Dosi G., "Sources, procedures and Microeconomic Effects of Innovation", *Journal of Economic Literature*, 1988

27. 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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29. 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]
30. Dosi G., "The Nature of Innovative Process", in G. Dosi et al. (ed.), 1988, [ref. 43]
31. 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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35. Dosi G., "Institutions and Markets in a Dynamic World", *The Manchester School*, 1988.
36. Dosi G., "Economia dell'Innovazione ed Evoluzione Economica", in M. Amendola (ed.), *Innovazione e Progresso Tecnico*, Bologna, Il Mulino, 1989
37. Dosi G., "Comments on Aoki and Rosenberg", in T. Shiraishi and S. Tsuru (ed.), *Economic Institutions in a Dynamic Society*, London, Macmillan, 1989
38. 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
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43. Dosi G., "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
44. Dosi G., "Finance, Innovation and Industrial Change", *Journal of Economic Behavior and Organization*, 1990
45. 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
46. Dosi G., "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
47. 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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50. 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
51. 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
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53. "Dosi G., Research on Innovation Diffusion: An Assessment", in A. Grübler and N. Nakicenovic (eds.), *Innovation Diffusion and Social Behaviors*, Heidelberg/Berlin/New York, Springer Verlag, 1991
54. Dosi G., "Perspectives on Evolutionary Theory", *Science and Public Policy*, 1991

55. Dosi G., "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
56. 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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62. Dosi G., M. Moggi, "Piccole e Medie Imprese e Innovazione in Italia", *L'Industria*, 1992
63. "Industrial Organisation, Competitiveness and Growth", *Revue d'Economie Industrielle*, 1992
64. Dosi G., "Evolutionäre Ansätze der Industrieökonomik - Konsequenzen für eine Industrie - und Technologiepolitik", in F. Meyer -Kramer (ed.), *Innovations-ökonomie und Technologie-politik*, Heidelberg, Phisica-Verlag, 1993
65. 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
66. 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

67. Amendola G., G. Dosi, and E. Papagni, "The Dynamics of International Competitiveness", *Weltwirtschaftliches Archiv*, vol 129:3, pp. 451-471, 1993
68. Chiaromonte F., G. Dosi, "Heterogeneity, Competition and Macroeconomic Dynamics", *Structural Change and Economic Dynamics*, 1993
69. 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
70. Dosi G., R. Nelson, "An Introduction to Evolutionary Theories in Economics", *Journal of Evolutionary Economics*, 1994
71. Dosi G., Y. Ermoliev and Y. Kaniovski, "Generalized Urn Schemes and Technological Dynamics", *Journal of Mathematical Economics*, 1994
72. 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*, 3:1, 1-45, 1994
73. 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
74. 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
75. 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
76. Teece D., R. Rumelt, G. Dosi, S. Winter, "Understanding Corporate Coherence: Theory and Evidence", *Journal of Economic Behavior and Organization*, 1994
77. Dosi G., F. Malerba and L. Orsenigo, "Evolutionary Regimes and Industrial Dynamics", in L. Magnusson (ed.), *Evolutionary Approaches to Economics*, Boston, Kluwer, 1994
78. Dosi G., L. Orsenigo, "Macrodynamics and microfoundations: an evolutionary perspective", in O. Granstrand (ed.), *Economics of Technology*, Amsterdam, Elsevier North Holland, 1994
79. Dosi G., Y. Kaniovski, "The method of generalized urn schemes in the analysis of technological and economic dynamics" , in G. Silverberg and L. Soete eds., *The Economics of growth and Technical Change*, 1994
80. 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

81. Dosi G., Y. Kaniovski, "On 'Badly Behaved' Dynamics. Some Applications of Generalized Urn Schemes to Technological and Economic Change", *Journal of Evolutionary Economics*, vol. 4-2, pp. 93-123, 1994
82. Cimoli M., G. Dosi, "Technological Paradigms, Patterns of Learning and Development: An Introductory Roadmap", *Journal of Evolutionary Economics*, 1995
83. Dosi G., O. Marsili, L. Orsenigo, R. Salvatore, "Learning, Market Selection and The Evolution of Industrial Structures", *Small Business Economics*, 1995
84. Dosi G., "Hierarchies, Markets and Power: Some Foundational Issues on the Nature of Contemporary Economic Organizations", *Industrial and Corporate Change*, Vol. 4 n. 1, 1995
85. Dosi G., "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
86. Dosi G., F. Malerba (eds.), *Organization and Strategy in the Evolution of the Enterprise*, London, MacMillan, 1996
87. 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]
88. 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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90. Dosi G., "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
91. Dosi G., "Opportunities, incentives and the collective patterns of technical change", *Economic Journal*, 1997
92. 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
93. 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
94. Dosi G., R. Nelson, "Evolutionary Theories", in R. Arena and C. Longhi (ed.), *Markets and Organizations*, Berlin/Heidelberg/New York, Springer-Verlag, 1998

95. 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
96. 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
97. Dosi G., D. Teece and J. Chytry (eds.), *Technology, Organization and Competitiveness*, Oxford/New York, Oxford University Press, 1998
98. 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
99. 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, 1999
100. 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
101. Aversi R., G. Dosi, G. Fagiolo, M. Meacci and C. Olivetti "Demand Dynamics with socially evolving preferences", *Industrial and Corporate Change*, 1999
102. Chiaromonte F., G. Dosi, "Modeling a Decentralized Asset Market: An Introduction to the Financial 'Toy-Room'", Laxenburg, Austria, IIASA, Interim Report, 1999
103. Dosi G., "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
104. 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]
105. 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
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110. Dosi G., *Innovation, Organization and Economic Dynamics. Selected Essays*, Cheltenham, Edward Elgar, 2000
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116. 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, 2002
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