

## CURRICULUM VITAE

*Luigi MARENGO*

### **Professore ordinario di Economia Politica (SECS-P/01)**

Dipartimento di Impresa e Management

Università LUISS, Roma

### **Formazione:**

Laurea in Economia, Università di Torino, 1985, 110 e lode con menzione speciale.

DPhil in Science and Technology Policy Studies, Science Policy Research Unit, University of Sussex, 1992. Titolo della tesi: "Knowledge, Coordination and Learning in an Adaptive Model of the Firm".

### **Precedenti esperienze di lavoro:**

Professore ordinario di Economia, Scuola Superiore San'Anna, 2005-2013

Professore ordinario di Economia, Facoltà di Giurisprudenza, Università di Teramo 2001-2005

Professore associato di Economia, Facoltà di Sociologia, Università di Trento, 1998-2001

Ricercatore, Facoltà di Economia, Università di Trento, 1994-1998

Ricercatore, IIASA (International Institute for Applied Systems Analysis), Laxenburg, Austria, 1994.

### **Responsibilità Amministrative e altre attività:**

Direttore del Dipartimento di Impresa e Management e membro del Senato Accademico, Università LUISS, 2014-2017.

Preside della Classe di Scienze Sociali e membro del Senato Accademico, Scuola Superiore Sant'Anna, 2010- 2013.

Direttore del Dipartimento di Scienze Giuridiche nella Società e nella Storia (DSGSS), Università di Teramo (2003-2005).

Membro del Nucleo di Valutazione, Scuola Superiore Sant'Anna di Pisa (2016-18)

Membro del Nucleo di Valutazione dell'Istituto Universitario di Studi Superiori (IUSS) di Pavia (2013-15)

Membra del Nucleo di Valutazione dell'Università di Teramo (2001-2003).

### **Attività editoriali:**

Managing editor di “Structural Change and Economic Dynamics” (pubblicato da Elsevier) dal 2010 al 2018.

Associated editor di *Journal of Evolutionary Economics*

Referee per: *Organization Science*, *Management Science*, *Organization Studies*, *Strategic Management Journal*, *Journal of Economic Behavior and Organization*, *Journal of Evolutionary Economics*, *Industrial and Corporate Change*, *Journal of Management and Governance*, *Economia Politica*.

### **Attività scientifica:**

#### **Indicatori su Google Scholar:**

H-index 31

Citazioni 5496

i10 index 50

#### **Articoli su riviste scientifiche:**

L. Marengo (2019), “Is this time different? A note on automation and labour in the fourth industrial revolution”, *Journal of Industrial and Business Economics*, in stampa.

G. Gavetti, C. Helfat, L. Marengo (2017), “Searching, Shaping, and the Quest for Superior Performance“, *Strategy Science*, vol. 2, pp. 194-209.

G. Dosi, L. Marengo, E. Paraskevopoulou, M. Valente (2017), A model of cognitive and operational memory of organizations in changing worlds, *Cambridge Journal of Economics*, vol. 41, pp. 775-806.

G. Dosi, M. Grazzi, L. Marengo, S. Settepanella (2016), “Production theory: accounting for firm heterogeneity and technical change“, *Journal of Industrial Economics*, vol. 64, pp. 875-907.

A. Delfino, L. Marengo and M. Ploner (2016), ” I did it your way: An experimental investigation of peer effects in investment choices“, *Journal of Economic Psychology*, vol. 54, pp. 113-123.

L. Marengo and P. Zeppini (2016), “The arrival of the new”, *Journal of Evolutionary Economics*, vol. 26, pp. 171-194..

L. Marengo (2015),” Representation, search and the evolution of routines in problem solving“, *Industrial and Corporate Change*, vol. 24, pp. 951-980.

G. Dosi and L. Marengo (2015), “The dynamics of organizational structures and performances under diverging distributions of knowledge and different power structures“, *Journal of Institutional Economics*, vol. 11, pp. 535-559.

S. Settepanella, G. Dosi, M. Grazzi, L. Marengo, F. Ponchio (2015), “A discrete geometric approach to heterogeneity and production theory“, *Evolutionary and Institutional Economic Review*, vol. 12, pp. 223-234.

- G. Amendola, L. Marengo, D. Pirino, S. Settepanella, A. Takemura (2015), "Decidability in complex social choices", Evolutionary and Institutional Economic Review, vol. 12, pp. 141-168.
- Marengo, L. and S. Settepanella (2014), "Social choice among complex objects", Annali della Scuola Normale Superiore di Pisa – Classe di Scienze, vol. 13, pp. 1039-1064.
- L. Marengo and C. Pasquali (2012), "How to get what you want when you do not know what you want. A model of incentives, organizational structure and learning", Organization Science, vol. 23, pp. 1298-1310.
- Marengo, L., C. Pasquali, M. Valente and G. Dosi (2012), "Appropriability, Patents, and Rates of Innovation in Complex Products Industries", Economics of Innovation and New Technologies, vol. 21, pp. 753-773.
- Marengo, L. and S. Settepanella (2012), "Social choice among complex objects", forthcoming in Annali della Scuola Normale Superiore di Pisa – Classe di Scienze.
- Koski, H., Marengo, L. and I. Makinen (2012), "Firm size, managerial practices and innovativeness: some evidence from Finnish manufacturing", International Journal of Technology Management, vol. 59, pp. 92-115.
- Dosi, G., M. Faillo, L. Marengo and D. Moschella, (2011), "Toward Formal Representations of Search Processes and Routines in Organizational Problem Solving: An Assessment of the State-of-the-Art", Seoul Journal of Economics, vol.24, pp. 247-286.
- L. Marengo and C. Pasquali (2010), "The construction of choice: A computational voting model", Economics Bulletin, vol. 30, pp. 3077-87.
- L. Marengo and M. Valente (2010), "Industry dynamics with product innovation: An evolutionary model", Structural Change and Economic Dynamics, vol. 21, pp. 5-16.
- Dosi, G., M. Faillo and L. Marengo, (2008), "Organizational Capabilities, Patterns of Knowledge Accumulation and Governance Structures in Business Firms: An Introduction", Organization Studies, vol.29, 2008, pp. 1165-1185.
- Brusoni, S, L. Marengo, A. Prencipe and M. Valente (2007), "The value and cost of modularity: A cognitive perspective", European Management Review, vol. 4, pp. 121-132.
- Dosi, G. and L. Marengo (2007), "On the Evolutionary and Behavioral Theories of Organizations: A Tentative Roadmap", Organization Science, vol. 18, pp. 491-502.
- Dosi, G., L. Marengo and C. Pasquali (2007), "Knowledge, competition and innovation: Is strong IPR protection really needed for more and better innovations?", Michigan Telecommunication and Technology Law Review, vol. 13, n. 2, pp. 471-485.
- Dosi, G., L. Marengo and C. Pasquali (2006), "How much should society fuel the greed of innovators? On the relations between appropriability, opportunities and rates of innovation", Research Policy, vol. 35, pp. 1110-1121.
- Marengo, L. and G. Dosi (2005), "Division of Labor, Organizational Coordination and Market Mechanisms in Collective Problem-Solving", Journal of Economic Behavior and Organization, vol. 58, 2005, pp. 303-326.
- Fagiolo, G., L. Marengo and M. Valente (2004a), "Endogenous Networks in Random Population Games", Mathematical Population Studies, vol. 11, pp.121-147.
- Fagiolo, G., L. Marengo and M. Valente (2004b), "Population learning in a model with random payoff landscapes and endogenous networks", Computational Economics, vol. 24, pp. 383-408.
- Marengo, L. (2003). "Quasi scomponibilità, modularità ed organizzazione economica", Sistemi Intelligenti, vol. 15, n.1.
- Dosi, G., D. Levinthal and L. Marengo (2003), "Bridging contested terrain: linking incentive-based and learning perspectives on organizational evolution", Industrial and Corporate Change, vol. 12, pp. 413-436.

- Marengo, L., G. Dosi, P. Legrenzi and C. Pasquali (2000), "The Structure of Problem-solving Knowledge and the Structure of Organizations", Industrial and Corporate Change, vol. 9, pp.757-788
- Lazarcic, N., Marengo, L. (2000), "Towards a Characterization of Assets and Knowledge Created in Technological Agreements: Some evidence from the automobile-robotics sector", Industrial and Corporate Change, vol. 9, pp. 53-86.
- Dosi G., Marengo L., Bassanini A., Valente M. (1999), "Norms as Emergent Properties of Adaptive Learning: The case of economic routines", Journal of Evolutionary Economics, vol. 9, pp. 5-26.
- Marengo L., Willinger M. (1997), "Alternative methodologies for modelling evolutionary dynamics: Introduction", Journal of Evolutionary Economics, vol. 4, pp. 331-338.
- Cohen M., Burkhart R., Dosi G., Egidi M., Marengo L., Warglien M., Winter S. (1996), "Routines and Other Recurring Action Patterns of Organizations: Contemporary Research Issues", Industrial and Corporate Change, vol. 5, pp.653-698.
- Beltrametti L., Fiorentini R., Marengo L., Tamborini R. (1997), "A Learning-to-Forecast Experiment on the Foreign Exchange Market with a Classifier System", Journal of Economic Dynamics and Control, vol. 21, pp. 1543-1575.
- Marengo L., Tordjman H. (1996), "Speculation, Heterogeneity and Learning: A Model of Exchange Rate Dynamics", Kyklos, vol. 49, pp. 407-438.
- Beltrametti L., Marengo L., Tamborini R. (1996), "Un esperimento di apprendimento nel mercato valutario con un agente artificiale", Economia Politica, vol. 13, pp. 353-387.
- Marengo L. (1995), "Structure, Competence, and Learning in Organizations", Wirtschaftspolitische Blätter, vol. 42, pp. 454-464.
- Malerba F., Marengo L. (1995), "Competence, Innovative Activities and Economic Performance in Italian High-Technology Firms", International Journal of Technology Management, vol. 10, pp. 96-112.
- Marengo L. (1994), "Knowledge Distribution and Coordination in Organizations: On some Social Aspects of the Exploration vs. Exploitation Trade-Off", Revue Internationale de Systémique, vol. 7, pp. 553-571.
- Marengo L. (1992), "Coordination and Organizational Learning in the Firm", Journal of Evolutionary Economics, vol. 2, pp. 313-326.
- Marengo L. (1992), "The Demand for Intermediate Goods in an Input-Output Framework: A Methodological Note", Economic Systems Research, vol. 4, pp. 49-52.
- Marengo L., Vivarelli M. (1990), "Una Riflessione sulla Teoria Evoluzionista: Microfondazioni and Aggregazione Macroeconomica", Economia and Politica Industriale, vol. 67, pp. 189-203.
- Marengo L., Sterlacchini A. (1990), "Intersectoral Technology Flows: Methodological Aspects and Empirical Applications", Metroeconomica, vol. 41, pp. 19-39.

### **Capitoli in libri collettivi:**

- Levinthal D. and L. Marengo, "Simulation modelling and business strategy research", in Teece D.J., Augier M.E. (eds), Palgrave Dictionary in Strategic Management, (forthcoming).
- Knudsen Th. and L. Marengo, "Complexity and business strategy research", in Teece D.J., Augier M.E. (eds), Palgrave Dictionary in Strategic Management, (forthcoming).
- Dosi, G., M. Faillo and L. Marengo, (2008), "Problem solving and governance in the capability-based view of the firm: the roles and theoretical representations of organizational routines",

- in M. Becker (ed.), *Handbook of Organizational Routines*, Celtenham, Edward Elgar, pp. 107-121.
- Marengo L. (2005), "Organization of the firm", chap. 7 in J. Lesourne, A. Orléan and B. Walliser (eds.), *Evolutionary Micro-economics*, Berlin, Springer, pp. 203-235.
- Marengo L., Pasquali C. and Valente M. (2005), "Decomposability and modularity of economic interactions", in W. Callebaut and D. Rasskin-Gutman (eds. ), *Modularity: Understanding the Development and Evolution of Complex Natural Systems*, The Vienna Series in Theoretical Biology, Cambridge MA, MIT Press, pp. 835-897.
- Dosi G., Marengo L., and Fagiolo G. (2004), "Learning in Evolutionary Environments", in K. Dopfer (ed. ), *The Evolutionary Foundations of Economics*, Cambridge, Cambridge University Press, pp. 255-328.
- Marengo L. (2003), "Problem Complexity and Problem Representation: some implications for the theory of economic institutions", in S. Rizzello (ed. ), *Cognitive Developments in Economics*, Dordrecht, Routledge, pp. 371-388..
- Dosi G., Hobday M. and Marengo L. (2003), "Problem-Solving Behaviors, Organizational Forms and the Complexity of Tasks", in C.E. Helfat (eds. ) *The Blackwell/strategic Management Society Handbook of Organizational Capabilities: Emergence, Development and Change*, Oxford, Blackwell, pp. 167-192.
- Egidi M. and Marengo L. (2002), Near-Decomposability, organization and Evolution: Some Notes on Herbert Simon's Contribution, in M. Augier and J.G. March (eds. ), *Models of a Man: Essays in Memory of Herbert A. Simon*, Cambridge MA, MIT Press, pp. 335-350.
- Dosi G., Fagiolo G., Marengo L. (2001), "On the Dynamics of Cognition and Actions", in A. Nicita and U. Pagano (eds.), *The Evolution of Economic Diversity*, Routledge, pp. 164-196.
- Dosi G., Marengo L. (2000), " On the tangled discourse between Transaction Costs Economics and Competence-Based Views of the Firm", in N. Foss and V. Mahnke (eds.), *Competence, Governance and Entrepreneurship*, Oxford University Press, pp. 80-92.
- Cohendet P., Llerena P., Marengo L. (2000), " Is there a Pilot in the Evolutionary Firm?", in N. Foss and V. Mahnke (eds.), *Competence, Governance and Entrepreneurship*, Oxford University Press, pp. 95-115.
- Dosi G., Marengo L. (1999), "On the co-evolution of technological knowledge and corporate organisations.", in A. Gambardella and F. Malerba (eds.), *The organization of Economic Innovation in Europe*, Cambridge University Press, pp. 15-23.
- Frenken K., Marengo L., Valente M. (1999), "Interdependencies, nearly-decomposability and adaptation" in Th. Brenner (ed.), *Computational Techniques for Modelling Learning in Economics*, Kluwer Academics, pp.145-165.
- Dosi G., Marengo L., Fagiolo G. (1998), "Modelli ed evidenza empirica su quel poco che sappiamo dell'apprendimento in mondi che cambiano", in A. Vercelli (ed.), *Incertezza, Razionalità and Decisioni Economiche*, Bologna, Il Mulino, pp. 79-102.
- Marengo L. (1998), "Knowledge Distribution and Coordination in Organizations", in N. Lazaric and E. Lorenz (eds.), *Trust and Economic Learning*, Cheltenham, Edward Elgar, pp. 227-246.
- Pasquali C., Marengo L. (1997), "Concurrency and the Logic of Economic Organization", in R. Conte, R. Hegselmann and P. Terna (eds.), *Simulating Social Phenomena*, Berlin, Springer Verlag, pp. 311-317.
- Dosi G., Marengo L., Bassanini A., Valente M. (1997), "Les Normes comme Propriétés Emergentes d'un Apprentissage Adaptif", in B. Reynaud (ed.) *Les limites de la rationalité*, Ed. La Découverte, Paris, pp. 45-59 .
- Marengo L. (1996), "Structure, Competence and Learning in an Adaptive Model of the Firm", in G. Dosi and F. Malerba (eds.), *Organization and Strategy in the Evolution of the Enterprise*, London, Macmillan, pp. 124-154.

- Egidi M., Marengo L. (1995), "Division of Labour and Social Coordination Modes", in G.N. Gilbert and R. Conte (eds.), Artificial societies: the computer simulation of social life, Londra, UCL Press, pp. 40-58.
- Marengo L. (1995), "Apprentissage, Compétences et Coordination dans les Organizations", in N. Lazaric and J.-M. Monnier (eds.) Coordination Economique et Apprentissage des Firmes, Economica, Paris, pp. 3-22.
- Dosi G., Marengo L. (1995), "Toward a Theory of Organizational Competencies", in R.W. England (ed.), Evolutionary Concepts in Contemporary Economics, Michigan University Press, pp. 157-178.

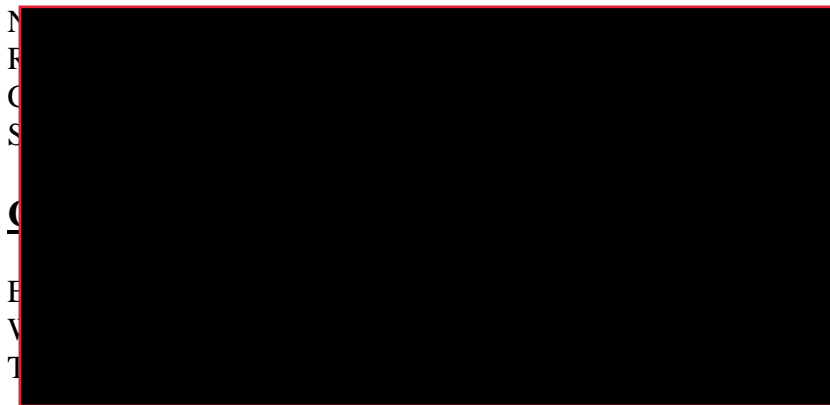
### **Insegnamenti negli ultimi cinque anni:**

- Corsi di "Organizational Economics" e "Economics and Management of Technological Change" a livello di PhD presso e il PhD in Management alal LUISS il PhD in Economics alla Scuola Superiore Sant'Anna di Pisa
- Corsi di Microeconomics, Game theory, Experimental Economics, Economics of Innovation, Economics of Science, Social Choice, a livello undergraduate e master.

### **Lingue:**

Italiano (madrelingua), Inglese e Francese (ottima conoscenza scritta e orale).

### **Dati anagrafici:**



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