

**FRANCO MALERBA**

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**EMPLOYMENT**

From 2022: Emeritus Professor, Bocconi University

1999-2021: Professor of Applied Economics, Bocconi University

2016-2023: Visiting Research Professor, Stern School of Business, New York University

1996-1999: Professor of Applied Economics, University of Brescia

1983: Ph.D. in Economics, Yale University

**MAIN APPOINTMENTS**

In previous years he has been:

- Director of CESPRI, Bocconi University
  - Director of CLEMIT, Bocconi University
  - Director of KITeS Research Center, Bocconi University
  - Director of CRIOS, Bocconi University
  - President of ICROS, Bocconi University
  - Member of Research Committee (Comitato Ricerca)- Bocconi University
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- Current editor of the Journal "Industrial and Corporate Change"
  - Advisory Editor of the Journal "Research Policy"
  - Associate Editor of the "Journal of Evolutionary Economics"

**VISITING APPOINTMENTS**

Previously he has been visiting Scholar or Research Professor at:

- Department of Economics Stanford University;
- CEPR and SIEPR -Stanford University;
- Tsinghua University, Beijing; Zhejiang University, Hangzhou;
- University of Stellenbosch (ZA);
- Max Planck Institute of Economics, Jena;
- University Louis Pasteur, Strasbourg

**MAIN AWARDS**

- 2002-2004 President of the International Schumpeter Society
- 2003-2005 President of EARIE- European Association of Research in Industrial Economics
- 2012 Winner of the Schumpeter Price

## **RESEARCH AND POLICY ADVISORY ACTIVITIES (from 2002 on)**

He has been Member of:

- Advisory Board of CRIC- University of Manchester;
- Advisory Board of SPRU-University of Sussex;
- Advisory Board of the Max Plank Institute of Economics, Jena;
- EU High-Level Panel for “New Innovation Indicators for Europe”;
- EU High-Level Panel for “A New European Innovation Policy”

Research and collaborations with:

- European Union, European DG Research,
- OECD,
- American National Science Foundation,
- Italian Ministry of Science and Technology,
- Italian National Research Council,
- Confindustria Italy, Lombardy Region.

## **MAIN AREAS OF RESEARCH**

Innovation studies; Economics of technological change; Industrial dynamics and industry evolution; Sectoral analyses; Innovation systems; History-friendly models; Entrepreneurship; Economic development and industrial catch-up; Industrial, science and technology policy.

## MAIN PUBLICATIONS

### Books

*Knowledge-intensive innovative entrepreneurship* (with M McKelvey) - Foundations and Trends® in Entrepreneurship, 2019.

*The rise to market leadership* (ed. with S.Mani and P. Adams) Elgar 2017.

*Innovation and Industry Evolution: History-friendly Models* (with R. Nelson, L. Orsenigo, S. Winter), Cambridge University Press, Cambridge, 2016.

*Dynamics of Knowledge Intensive Entrepreneurship. Business strategy and public policy* (ed. with Y. Caloghirou, M. McKelvey, S. Radosevic), Routledge, 2015.

*Economic Development as a learning process. Variations across sectoral systems* (ed. with R. Nelson. ed.), Elgar, 2012.

*Knowledge Intensive Entrepreneurship and Innovation Systems: Evidence from Europe* (editor), Routledge, 2010.

*Sectoral systems of innovation and production in developing countries* (ed. with S.Mani), Elgar, 2009.

*Innovation networks in industries* (ed. with N. Vonortas), Elgar 2009.

*Perspectives on innovation* (ed. with S.Brusoni), Cambridge University Press, 2007.

*Sectoral systems of innovation* (editor), Cambridge University Press, Cambridge 2004.

*Clusters, networks and innovation* (editor with S. Breschi), Oxford University Press 2005.

*Economia dell'innovazione*, Carrocci, Rome 2000.

*The semiconductor business: the economics of rapid growth and decline*, University of Wisconsin Press-Madison (USA) e Frances Pinter-London, 1985.

### Recent articles

Technological change and the evolution of the links across sectoral systems: The case of mobile communications (with D. Li) *Technovation*, 2024, Volume 130.

Employee spinouts along the value chain (with P. Adams, A. Bahoo-Torodi, R. Fontana), *Industrial and Corporate Change*, 2024. Volume 33, Issue 1, pages 90-105.

Entrants heterogeneity, pre-entry knowledge, and the target industry context: a taxonomy and a framework (with G. Cattani and R. Fontana) *Industrial and Corporate Change*, 2024, Volume n. 33, Issue 1, pages 8-39.

Gender Bias in Entrepreneurship: What is the Role of the Founders' Entrepreneurial Background? (with L Pistilli, A Paccagnini and S Breschi), 2023 *Journal of Business Ethics* Volume n. 187, pages 325-346.

Hitting reset: Industry evolution, generational technology cycles, and the dynamic value of firm experience (with H. Ozalp and JP Eggers) May 2023, *Strategic Management Journal* Volume 44, Issue 5, pages 1292-1327.

China's leapfrogging in electromobility. A story of green transformation driving catch-up and competitive advantage (with T. Altenburg and N. Corrocher), 2022, *Technological Forecasting and Social Change*, Volume n. 183, 121914.

Evolutionary Approaches to Innovation, the Firm and the Dynamics of Industries (with Gino Cattani) *Strategy Science*, 2021, Volume n. 6, Issue 4, pages 265-289.

An evolutionary perspective on economic catch-up by latecomers (with Keun Lee) *Industrial and Corporate Change*, 2021, Volume n. 30, Issue 4, pages 986-1010.

Catch-up and the entry strategies of latecomers: Chinese firms in the mobile phone sector (with G.Capone and D. Li) *Industrial and Corporate Change*, 2021, Volume n. 30, Issue 4, pages, 189-213.

Technological regimes, patent growth, and catching-up in green technologies (with N. Corrocher and .Andrea Morrison), *Industrial and Corporate Change*, 2021, Volume n. 30, Issue 4, pages 1084-1107.

Time to exit: “revolving door effect” or “Schumpeterian gale of creative destruction”? (with E. Cefis, O.Malrsili and L.Orsenigo) *Journal of Evolutionary Economics* 2021, Volume n. 31, (5), 1465-1494.

The fourth industrial revolution, changing global value chains and industrial upgrading in emerging economies. (with K Lee and A. Primi) *Journal of Economic Policy Reform*. 2020, Volume n. 23, Issue 4, pages 359-370.

Demand-led catch-up: a history-friendly model of latecomer development in the global green economy (with F. Landini and R.Lema ) *Industrial and Corporate Change*, 2020, Volume n. 29, Issue 5, pages 1297-1318.

Linking vertically related industries: entry by spinouts across industry boundaries (with P. Adams and R. Fontana) *Industrial and Corporate Change*, 2019.

Spinoffs in context: entry and performance across different industries, (with G. Capone G. and L. Orsenigo), *Industrial and Corporate Change*, 2019, Volume 28, Issue 2, pages 259-282.

Knowledge-intensive innovative entrepreneurship integrating Schumpeter, evolutionary economics, and innovation systems (with M. McKelvey) *Small Business Economics*, 2018, Volume n. 54, pages 503-522.

The Made-In Effect and Leapfrogging: a model of Leadership Change for Products with Country-of-Origin Bias (with D. Diodato and A. Morrison) *European Economic Review* 2018, Volume 1001, pages 297-329.

The long march to catch-up: A history-friendly model of China's mobile communications industry (with D. Li and G.Capone) *Research Policy* 2018, Volume 48, Issue 3, pages 649-664.

Bridging knowledge resources: the location choices of spinouts (with P.Adams and R.Fontana) *Strategic Entrepreneurship Journal*, 2017, Volume n. 11, Issue 2, pages 93-121.

Toward a theory of catch-up cycles: Windows of opportunity in the evolution of sectoral systems (with K. Lee) *Research Policy* 2017 41, 2, pp. 338-351.

A history-friendly model of the successive changes in industrial leadership and the catch-up by latecomers (with F. Landini and K. Lee) *Research Policy*, 2017, Volume n. 46, Issue 2, pages 431-446.

Related yet diverging sectoral systems: telecommunication s equipment and semiconductors in China (with J. Yu, P. Adams and Y. Zhang) *Industry and Innovation*, 2017, Volume n. 24, Issue 2, pages 190-212.

Sectors and the additionality effect of R&D tax credits: a cross-country microeconomic analysis (with I. Bodas Freitas, F. Castellacci, R. Fontana and A. Vezzulli) *Research Policy*, 2017 Volume n. 46, Issue 1, pages 57-72.

User-industry spinouts: downstream user knowledge as a source of new firm entry and survival (with P.Adams and R.Fontana), *Organization Science*, 2016, Volume n. 27, Issue 1, pp. 18-35.

### **Most cited articles (Numbers of Google scholar citations)**

[Sectoral systems of innovation](#)

*Research Policy*, 2002, 31 (2), 247-264      cit. 4661

[Sectoral systems of innovation: concepts, issues and analyses of six major sectors in Europe](#)

Cambridge university press, 2004      cit. 2740

[Technological regimes and Schumpeterian patterns of innovation](#)

*The economic journal* 2000, 110 (463), 388-410      cit. 1720

[Learning by firms and incremental technical change](#)

*The economic journal* 1992 102 (413), 845-859      cit. 1321

[Knowledge-relatedness in firm technological diversification](#)

*Research policy*, 2003 32 (1), 69-87      cit. 1302

[Technological regimes and sectoral patterns of innovative activities](#)

*Industrial and corporate change*, 1997 6 (1), 83-118      cit. 1196

[Technological regimes and firm behavior](#)

*Industrial and corporate change*, 1993, 2 (1), 45-71      cit. 1135

[Schumpeterian patterns of innovation](#)

*Cambridge journal of Economics*, 1995 19 (1), 47-65      cit. 1029