

# European curriculum vitae

update Dec. 2011

## Personal information

Surname / First name **Montobbio Fabio**

Addresses Department of Economics Cognetti – De Martiis,  
University of Turin,  
Via Po 53,  
I-10124 Torino – Italy

KITeS (ex CESPRI) – Bocconi University  
Via Roentgen 1, 20136 Milan,  
Italy

E-mails: [fabio.montobbio@uninsubria.it](mailto:fabio.montobbio@uninsubria.it) [fabio.montobbio@unibocconi.it](mailto:fabio.montobbio@unibocconi.it)

Telephones +39.02.5836.5161 (or 3397) +39.0332-39.5501 (or 5502)

Fax +39.02.5836.3399

Nationality Italian

Date of birth 04/02/1968

## Employment

Associate Professor of Economics at the Faculty of Law of the University of Turin, Turin, Italy  
Research Fellow at KITeS, Bocconi University, Milan, Italy  
Contract Professor at Bocconi University, Milan, Italy

## Work experience

Dates 1/1/2001 – 23/12/2011

Occupation Assistant Professor (Ricercatore) of Applied Economics (2001-2005) and Associate Professor (2005 - 2011).

Name and address of employer Faculty of Economics of the University of Insubria, Varese, Italy

Dates 1/1/2000 – 31/12/2000

Occupation Post-doc Research Fellowship

Main activities and responsibilities Research and Teaching

Name and address of employer Dept. of Economics, Bocconi University

Dates since 1/1/1998

Occupation or position held Research Fellow

Name and address of employer CESPRI – Centre for Research on Innovation and Internationalisation – Bocconi University (now KITeS)

Dates since 2002

Occupation or position held Contract Professor

Name and address of employer Bocconi University, Milan

Dates since 1/1/1996 to 9/2007

Occupation or position held Honorary Associate Fellow

Name and address of employer CRIC - Centre for research on innovation and competition - University of Manchester – UK (In 9/2007 CRIC closed down and entered the Manchester Institute of Innovation Research.)

**Education and training**

Dates 9/1996 - 10/2001  
 Title of qualification awarded Ph.D in Economics  
 Subject Title: The Dynamics of Industries: Essays on Structural Change, Technological Spillovers and Patterns of International Specialisation. Supervisor: Prof. J.S. Metcalfe  
 Name and type of organisation providing education and training Dept. of Economics, University of Manchester, UK  
 Dates 1/1995 - 6/1999  
 Title of qualification awarded 'Dottorato' in Economics  
 Subject Title: Innovation, Structural Change and Competitiveness. A Theoretical and Empirical Study on the Dynamics of Industries. Supervisors: Prof. Giorgio Lunghini, Prof. Franco Malerba, Prof. Marco Vivarelli  
 Name and type of organisation providing education and training University of Pavia, Italy  
 Dates 1/9/1995 – 30/9/1996  
 Title of qualification awarded Masters in Economics and Econometrics (awarded with distinction)  
 Name and type of organisation providing education and training University of Manchester, School of Economic Studies  
 Dates July 1994  
 Title of qualification awarded Degree in Economics (Mark: 110/110)  
 Name and type of organisation providing education and training Bocconi University, Milan  
 Subject Title: Wage Determination. Two Compared Approaches. Supervisors: Prof. Franco Malerba and Prof. Marco Vivarelli

**Personal skills and competences**

Mother tongue **Italian**

Other language(s)

Self-assessment

European level

**English**

**French**

**Spanish**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	A2	Basic User
B2	Independent User	B2	Independent User	A2	Basic User	A2	Basic User	A2	Basic User

Social skills and competences

Verbal and written communication of ideas and findings, many of which are derived from complex statistical data and analyses. Remarkable undergraduate and postgraduate teaching experience. Team spirit. I like working in cooperative environment

Organisational skills and competences

Working in teams, distributed across different research centres, very often in a variety of different countries. Involvement in multicultural environments. Experienced at project based research work, including direction of junior staff. Have undertaken several Projects for the European Commission

Technical skills and competences

Experienced user of computers, including Word, Excel, PowerPoint, email and internet. Capable of

analysing large scale datasets and programming with SAS and STATA. Experienced at report writing  
Driving licence Full driving licence

---

## Prizes, Awards and Fellowships

Oct. 2011. Prize for the quality of research activity ("Premio alla ricerca"). Faculty of Economics, University of Insubria.

Visiting Fellow in the Faculty of Business and Economics at the Katholieke Universiteit Leuven (KUL) from 12/10/2009 to 22/10/2009 (Host professor: Prof. Dirk Czarnitzki)

Invited Professor (Professeur invitée) Faculty of Economics, Paris XIII – Villateneuse in April 2009 and 2010 (Host professor: Prof. Benjamin Coriat)

Scholarship "Short Term Scientific Mission, COST IS0604" in the Domain: Individuals, Society, Culture and Health - Science and Technology Research In a Knowledge-based Economy (STRIKE) to visit CREST/INSEE, Paris from 1/12/2008 to 6/12/2008 (Host professor: Prof. Jacques Mairesse)

June-Sept. 2002: Research Fellow, School of Economics, University of Queensland, Brisbane

August 2000: Short Term Mobility, Italian CNR fellowship (Prot. 031883), Center for Research on Innovation and Competition, University of Manchester

Oct. 1996 - Oct. 1999: Economic and Social Research Council fellowship for the PhD studies

Oct. 1996 - Oct. 1998: Drummond Fraser Research Fellowship, Graduate School of Social Sciences, University of Manchester

June, 1996: Prizes for the Masters Exams, University of Manchester  
- The Jon Stewart Prize  
- The Royal Insurance Prize

Sept. 1996: Dehn Prize. University of Manchester for the exams and results at the Masters

## Teaching Activity

Theory of the firm and Industrial Organization, Università dell'Insubria, since 2011

Microeconomics, Università dell'Insubria, since 2008

Patents and Patent Citations for Innovation Studies at the summer workshop 'The Economics and Econometrics of Innovation' organized by ZEW, Mannheim, Centre for European Economic Research

Economics of Innovation, Università dell'Insubria, since 2007

Industrial Economics, Università dell'Insubria, since 2002

Community-based Innovation Models and Patterns of Protection, Bocconi University since 2011

Innovation and Intellectual Property Rights, Università Bocconi, since 2003-2010

Industry Analysis, Degree In Marketing Management, Bocconi University, from 2004 to 2007

Industrial Economics and Economics of Innovation at the Master LED 'Local Economic Development' and Master in Scientific Journalism, Università dell' Insubria, 2003-2006

Economics of Patents - ESSID – European Summer School in Industrial Dynamics, 2006 and 2007

Firm and Consumer Theory, Università dell'Insubria, (Advanced Microeconomics) in 2005

International and Technological Competitiveness, MIEM-Master of International Economics and Management, Business School, Bocconi University, Milan, from 1999 to 2005

Managerial Economics at the VTC – Institute of Vocational Education, Hong Kong, 2006

Managerial Economics at the Times Management Institute in 2003 and Singapore Institute of Management, Singapore in 2006

Microeconomics at Bocconi University. 2002-2004

Principles of Economics , Brescia University, 1999-2000

Teaching Assistant: Microeconomics. University of Manchester. 1996-1997

Teaching Assistant: Macroeconomics. University of Manchester. 1997

Occasional Teaching at various Masters degrees at the Science and Policy Research Unit, University of Sussex, University of Piacenza and University of Pavia

## **Administration and Management**

Since 2010 Director of the Master Degree (two years) in Economics of Innovation (Laurea Specialistica in Economia dell'Innovazione), Insubria University

Coordinator of the degree in Economics at the University of Insubria in 2008

Project coordinator for CESPRI: Europe INNOVA Sectoral Innovation Watch. Contractor European Commission (DG Enterprise and Industry. Contract ENTR 2007-11-02). Coordinated by TNO Netherlands (Netherlands Organization for Applied Scientific Research)

Coordinator's Assistant for the project ESSY (Sectoral Systems in Europe: Innovation, Competitiveness and Growth), Targeted Socio-Economic Research (TSER) programme of the European Commission (DG research) under the Fourth Framework Programme (Contract n°: SOE1-CT 98-1116, DG 12-SOLS), CESPRI, Bocconi University, Milan, 1999-2001.

Since 2002, Teaching Committee member, European Doctorate on "Economics of Production and Development", Università dell'Insubria, Varese (<http://eco.uninsubria.it/dipeco/Dottorati/>)

Since 2003, Coordinator of Socrates Erasmus Exchange Programs, Faculty of Economics, University of Insubria, Varese.

Project leader for Cespri: Innovation in the services sector. Issues at stake and trends. 2002-2003. Contractor, European Commission (contract n°INNO-03-01). Coordinator: University of Manchester.

Scientific and Organising Committee, Schumpeter 2004 Conference, Università Bocconi, in Milan

## **Consultancy**

WIPO (World Intellectual Property Rights) expert: invited at the Study on Intellectual Property Management in Open Economies: A Strategic Vision for Latin America. Organized by WIPO and ECLAC, Santiago, 7-9 May 2007

CERN (European Organization For Nuclear Research): Technology Transfer Task Force Workshop, Geneva – 2 and 3 July 2007

WIPO (World Intellectual Property Rights) expert: invited at Wipo International Roundtable On The Economics Of Intellectual Property, Geneva, November 26 and 27, 2007

"Entry and exit of small firms in the Como and Varese Provinces". Varese Chamber of Commerce

## **Referee Activity**

*Journals:* World Development, Research Policy, Small Business Economics, Regional Studies, Metroeconomica, The Journal of Evolutionary Economics, Structural Change and Economic Dynamics, Industrial and Corporate Change, Journal of International Trade and Economic Development, Journal of International Business Studies, Information Economics and Policy, The European Journal of Comparative Economics, Economia e Lavoro, L'Industria, Economia e Politica Industriale, Rivista Internazionale di Scienze Sociali.

*Books:* Springer Editor, Economics/Business

## **Editorial Activity**

Member of the editorial Board of the Eurasian Business Review

## **PhD Supervision**

Andrea Giacomelli, Francesco Grigoli, Riccardo Cappelli. External examiner for Paul Temple, Judge Business School Cambridge University, UK

## **Research Projects**

Involved in many research projects funded by the European Community and the Italian Ministry of Education

## **Publications**

### **Refereed Journals**

1. Montobbio F., Sterzi V. (2011); Inventing Together: Exploring the Nature of International Knowledge Spillovers in Latin America, *Journal of Evolutionary Economics*. 21: pp.53-89

2. Bacchiocchi E., Montobbio F. (2010); International knowledge diffusion and home-bias effect. Do USPTO & EPO patent citations tell the same story?. *Scandinavian Journal of Economics*, 112 (3), pp. 441-470
3. Lissoni F., Mairesse J., Montobbio F., Pezzoni M. (2010); Determinants of Scientific Productivity: A Study on Italian and French Physicists, NBER Working Paper n. 16341 (published in 2011, *Industrial and Corporate Change*, vol. 20, issue 1, pages 253-294)
4. Bacchiocchi E., Montobbio F. (2009); Knowledge Diffusion from University and Public Research. A Comparison between US Japan and Europe using Patent Citations. *Journal of Technology Transfer*, vol.34 (2), pp. 169-181.
5. Breschi S., Lissoni F., Montobbio F. (2008). University patenting and scientific productivity. A quantitative study of Italian academic inventors. *European Management Review. The Journal of the European Academy of Management* 5(2): 91-109
6. Corrocher N., Malerba F., Montobbio F. (2007); Schumpeterian Patterns of Innovative Activity in the ICT Field. *Research Policy*. vol. 36, pp. 418-432
7. Breschi S., Lissoni F., Montobbio F. (2007). The Scientific Productivity Of Academic Inventors: New Evidence From Italian Data. *Economics of Innovation and New Technology*, Vol 16, Issue 2, pp. 101-118
8. Della Malva A, Breschi S, Lissoni F, Montobbio F. (2007). L'attività brevettuale dei docenti universitari: L'Italia in un confronto internazionale. *Economia e Politica Industriale*.v.2 pp.43-70.
9. Lissoni F., Montobbio F. (2006); Brevetti universitari ed economia della ricerca in Italia, Europa e Stati Uniti. Una rassegna dell'evidenza recente. *Politica Economica*. Anno XXII, n. 2, pp. 259-281.
10. Mancusi, M., Montobbio, F., (2005): The Determinants Of Technological Specialisation and Its Dynamics, *L'Industria*, Anno XXVII, n. 1, pp. 113-143.
11. Montobbio F., Rampa F. (2005); The Impact of Technology and Structural Change on Export Performance in Developing Countries. *World Development*, April, Vol. 33, No. 4.
12. Breschi S., Lissoni F. and F. Montobbio (2005), From Publishing To Patenting: Do Productive Scientists Turn Into Academic Inventors? *Revue d'Economie Industrielle*, n° 110, 2eme trimestre
13. Malerba, F., Montobbio F. (2004); Structural Change in Innovative Activities in Four Leading Sectors. An Interpretation of the Stylized Facts. *Revue Economique*, vol. 55, n. 6
14. Malerba F., Montobbio F. (2003); Exploring Factors Affecting International Technological Specialization: the Role of Knowledge Flows and the Structure of Innovative Activity, *Journal of Evolutionary Economics*, v. 13, n. 4, p. 411-434
15. Montobbio F. (2003); Sectoral Patterns of Innovations and Market Share Dynamics, *Cambridge Journal of Economics*, v. 27, 523-545
16. Corrocher N., Malerba F., Montobbio F. (2003); How do new Technologies Emerge? A Patent\_Based Analysis of ICT-Related New Industrial Activities. *Innovation: Management, Policy & Practice*. v. 5, 2-3, pp. 234-257
17. Montobbio F. (2002); An Evolutionary Model of Industrial Growth and Structural Change. *Structural Change and Economic Dynamics*, v. 13(4), pp. 387-414
18. Montobbio F. (1999); Istituzioni e Performance Innovativa delle Imprese: l'Approccio Sistemico, *Economia e Politica Industriale*, n. 100, p.211-257

19. Vivarelli, M., Montobbio, F. (1996), Le determinanti della formazione del salario reale nel secondo dopoguerra, *Economia e Lavoro*, anno 30, n. 3, pp. 3-14

#### Working Papers

20. Cappelli, R. Montobbio F. (2011); European integration and knowledge flows across European regions. Mimeo.
21. Cappelli R. Czarnitzki D. Doherr T. Montobbio F. (2011); Inventor mobility and regions' innovation potential. Presented at the Ape-inv, ESF workshop Milan. Milan - May 30, 2011
22. Montobbio F., Sterzi V. (2011); The globalization of technology in emerging markets: a gravity model on the determinants of international technological collaborations. mimeo
23. Lissoni F., Montobbio F., Seri R. (2010); Ownership and impact of European university patents, presented at the BRICK-DIME-STRIKE WORKSHOP The Organization, Economics and Policy of Scientific Research Collegio Carlo Alberto Turin, 23-24 April
24. Montobbio F., Primi A., and Sterzi V. (2009); IPRs and international knowledge flows: Evidence from the BRICSM. Paper presented at the EPIP conference: 'Measuring the value of IPR: theory, business practice and public policy', Bologna, Italy, 24-25 September.
25. Lissoni F. Montobbio F. (2008); Inventorship and authorship in patent-publication pairs: an enquiry into the economics of scientific credit. Working Paper CESPRI 224, [http://www.cespri.unibocconi.it/folder.php?vedi=4355&tb=albero&id\\_folder=1917](http://www.cespri.unibocconi.it/folder.php?vedi=4355&tb=albero&id_folder=1917) (submitted)
26. Malerba F., Mancusi M., Montobbio F. (2007); Innovation, International R&D Spillovers and the Sectoral Heterogeneity of Knowledge Flows Working Paper CESPRI n. 206 (submitted)
27. Bacchiocchi E., Montobbio F. (2004). EPO vs. USPTO Citation Lags. CESPRI Working Paper, n. 161
28. Malerba F., Mancusi M., Montobbio F. (2003); Innovation and Knowledge Spillovers: Evidence from European Data. Working Paper n. 39. University of Insubria

#### Chapters in Books

29. Montobbio F. (2009); Intellectual Property Rights and Knowledge Transfer from Public Research to Industry in US and Europe: which Lessons for Innovation Systems in Developing Countries? In WIPO (2008), *The Economics of Intellectual Property*, Ch. 6. Pp. 180-209.
30. Laforgia F., Montobbio F., Orsenigo L. (2007); IPRs and Technological Development in Pharmaceuticals: Who is Patenting What in Brazil after the TRIPS?, in Netanel Neil (ed.) *The Development Agenda: Global Intellectual Property and Developing Countries*. Oxford University Press. Ch. 13. Pp. 293-317
31. Breschi S., Lissoni F., Montobbio F. (2006). Open Science and University Patenting: the scientific productivity of Italian inventors in Van Pottelsberghe de la Potterie B. and De Meyer A. (ed) *Economics and Management Perspectives on Intellectual Property Rights*. Palgrave. Ch. 4. pp. 83-103.
32. Breschi S., Lissoni F., Montobbio F. (2005). The geography of knowledge spillovers: conceptual issues and measurement problems. in Breschi, Malerba (ed), *Clusters, Networks and Innovation*. Oxford University Press. Ch. 13, pp. 343-371
33. Montobbio F. (2003); Sectoral Dynamics and Structural Change. Stylized facts and 'System of Innovation' Approaches. in Malerba (ed.) *Sectoral Systems of Innovation. Concepts, issues and analyses of six major sectors in Europe*. Cambridge University Press. Ch. 2, pp. 42-69
34. Coriat B., Malerba, F., Montobbio F., (2003) The International Performance of European Sectoral Systems, in Malerba (ed.) *Sectoral Systems of Innovation. Concepts, issues and*

*analyses of six major sectors in Europe*. Cambridge University Press. Ch. 11, pp. 388-426

35. Edquist, C., Malerba, F., Metcalfe, S., Montobbio F. and Steinmueller E., (2003), Sectoral Systems: Implications for European Technology Policy, in Malerba (ed.) *Sectoral Systems of Innovation. Concepts, issues and analyses of six major sectors in Europe*. Cambridge University Press. Ch. 12, pp. 427-461
36. Montobbio F. (2000); Istituzioni e Attività Innovativa: i Sistemi Innovativi, in Malerba F. (2000); (a cura di) *Economia dell'Innovazione*, Nuova Italia Scientifica, Roma, cap. 13, pp. 375-402
37. Miozzo M.-Montobbio F. (2000), The Evolution of Knowledge Bases, Patterns of Location and Industrial Dynamics: a Reassessment of the Product and Industry Life Cycle Models, in Kuklinski A. (ed.), *The Knowledge Based Economy. The Global Challenges for the XXI Century*. State Committee for Scientific Research. Poland, pp. 114-138
38. Montobbio, F. (1997), La formazione dei salari: un'analisi strutturale, in Vivarelli M. (a cura di), *Il futuro del lavoro*. Liocorno. Roma, Cap. 2, pp. 31-80
- Other Publications
39. Montobbio F. (2009); National Specialisation and Innovation Performance. Report for The Sectoral Innovation Watch, Europe INNOVA, European Commission. Drafted with Hariolf Grupp, Dirk Fornahl, Chung Anh Tran, Jeanette Stohr, Torben Schubert, Franco Malerba, Lucia Cusmano, Emanuele Bacchiocchi, Fulvio Puzone
40. Montobbio F. (2008); Patenting Activity in Latin American and Caribbean Countries. In World Intellectual Property Organization (WIPO) - Economic Commission for Latin America and the Caribbean (ECLAC) - Study on Intellectual Property Management in Open Economies: A Strategic Vision for Latin America".
41. Montobbio F. Tosetti M. (2007); Analisi del fenomeno della natalità e mortalità delle imprese artigiane. Rapporto Camera di Commercio. Varese.
42. Lissoni F., Montobbio F. (2003). Brevetto Europeo e "patent gap" tra Europa e Stati Uniti: quale aiuto dal Brevetto Comunitario? in *Tendenze dell'industria italiana*. Confindustria, Centro Studi. Giugno, 114-128
43. Malerba, F., Montobbio F. (2002); L'Europa nell'alta tecnologia: lo scenario internazionale in alcuni settori chiave in *Tendenze dell'industria italiana*. Confindustria, Centro Studi. Giugno, pp. 63-78
44. Malerba, F., Montobbio F. (2002); L'attività innovativa e la specializzazione tecnologica e commerciale dell'Italia a confronto con gli altri paesi industrializzati in *Tendenze dell'industria italiana*. Confindustria, Centro Studi. Giugno. Pp. 79-91
45. Montobbio F. (2003); Growth through Structural Change and Policy Issues. Presented at European Economists for an Alternative Economic Policy in Europe Ninth Workshop on Alternative Economic Policy in Europe Brussels, 26th - 28th September 2003 at Free University of Brussels, Etterbeek Campus, Pleinlaan 2, B-1050 Brussels
46. Corrocher N. and Montobbio, F. (2003), "Analysing the emergence of new industrial activities: some methodological issues". Working Paper. The Emergence of new industrial Activities (TENIA)
- Citations**
- ISI Web of Knowledge: approx. 130 citations. (this includes citations by ISI journals to journals not listed in ISI, these citations can be found only looking at the first author's name, e.g. Breschi S 2007)
- Harzing's Publish or Perish: approx. 782 citations, h-index: 14; g-index: 26.  
(Search 12 October 2011: author's name "montobbio f"; Fields: Business and Economics, Social Sciences)