# **CURRICULUM**

# **Prof. Sandrine Labory**

**Associate Professor in Applied Economics**

Department of Economics and Management

University of Ferrara

Via Voltapaletto, 11

44121 Ferrara, Italy.

email: sandrine.labory@unife.it

ORCID number: 0000-0002-0773-618X

**Working Experience**

From 2014: Associate Professor at the Department of Economics and Management, University of Ferrara, Italy.

2003 – 2014: Lecturer at the Department of Economics and Management, University of Ferrara, Italy.

2001-2003: Lecturer at the Faculty of Economics, University of Bergamo, Italy.

1999 – 2001: Researcher at the Faculty of Economics, University of Bergamo, Italy.

1997-1999: Research Fellow at CEPS, Centre for European Policy Studies, Brussels, in the programme on European Regulation headed by Professor Jacques Pelkmans.

May – July 1995: Researcher at the Economic Service of the French Embassy in Tokyo, Japan.

1990 – 1991: Junior Research Fellow at Business Strategies Ltd. (placement), London, UK.

# **Degrees**

1997: Ph.D. in Economics, European University Institute, Florence, Italy. Thesis: “Firm structure and market structure in imperfectly competitive markets”, directors Prof. Stephen Martin (now Purdue University, USA) and Prof. Patrizio Bianchi (University of Ferrara).

1993: M.Sc. in Economics, University College London, UK.

1992: BA in Economics and Maitrise de Sciences Economiques, joint degree programme between University of Middlesex, London, UK, and University of Nantes, France.

**Grants**

1995 – 1997: grant from the European University Institute (EUI), Florence, Italy.

1993 – 1995: grant from the French Ministry of Foreign Affairs for the Ph.D. studies at EUI.

1995: grant from the Economic Service of the French Embassy in Tokyo, Japan.

**Teaching**

Current teaching: Analysis of productive sector and Industrial Policy for SMEs (both at Master level).

**Other institutional activities at the University of Ferrara**

From 2013: coordinator of the double degree programmes, Dept of Economics and Management of the University of Ferrara (creation and management of different double degree programmes with partner universities in Brazil, France, Denmark, Sweden and the UK).

Member of the International Commission of the Dept of Economics and Management (DEM), University of Ferrara.

Member of the Ph.D. Commission of the Dept of Economics and Management (EMIS), University of Ferrara.

Various temporary activities such as University Library Commission, Representative of the University at the Labour Office of the Ferrara Province, Commission for the Evaluation of the quality of research.

**Research interests**

Industrial Economics and Policy; structural changes and industry dynamics; production organisation and firm organisation; clusters and industrial districts; University – Industry relationships and technological transfer.

**Research Project (from 2010)**

RSA Expo 2017-19: research project on Smart specialisation in lagging regions (Grant from the Regional Studies Association), with Phil Tomlinson, Felicia Fai, Mariachiara Barzotto (University of Bath), Carlo Corradini (University of Birmingham)

July - October 2018: research project on Embedding, reshaping and creating global value chains, for OECD, Paris and European Commission, Brussels.

2018: Collaboration with the Re-Hi network (RSA Research Network on Regional Economic and Policy History, directed by Marijn Molema, Fryske Akademy, NL).

2017: participation in the research for the final statement of the Conference of the Academy of Sciences, G7 Meeting, Rome (and participation in the G7 Conference of the Science Academies, Rome, Accademia dei Lincei, 23-25 March).

2016: Director of a research project on the analysis of the economic impact of natural disasters, Emilia Romagna Region.

May 2013: international workshop on “Manufacturing Renaissance”, with participation of Universities of Nice (France), Cambridge (UK), Paris, Bordeaux (France), Birmingham (UK), San Sebastian (Spain) and DG Industry of the European Commission. Research project on structural changes and industrial policy.

December 2012: winner of a grant from the University of Ferrara for the promotion of internationalisation initiatives, aiming at building an international network of research on industrial policy as well as a double degree programme in this field (double degree realised with the University of Nice, France).

2011: research grant from the Foundation for Research and Innovation from the University of Florence, Italy, for the realisation of report on the relationship between university and industry as a support to regional firms’ competitiveness for IRPET (Regional Institute of Economic Research), Florence, Italy.

2010-11: research project on the policies for the upgrading of clusters in mature sectors for IRPET (Regional Institute of Economic Research), Florence, Italy.

# **Various**

From 2020, member of the Board of Directors, RSA Foundation Europe (Regional Studies Association)

From 2017, Scientific Committee of the journal L’Industria.

2003-2017, Editorial Committee of the journal L’Industria.

Member of the Italian Association of industrial economists (SIEPI), Italian Association of Economists (SIE), Regional Studies Association

**Publications (from 2011)**

## Journal articles

Barzotto M., Corradini C., Fai F., Labory S., Tomlinson P. (2020), “Smart Specialisation, Industry 4.0 and Lagging Regions: Some Directions for Policy”, Regional Studies Regional Science, 7(1), 318-332.

Bianchi P., Labory S. (2020), “What policies, initiatives or programmes can support attracting, embedding and reshaping Global Value Chains in regions?”, Studi Organizzativi, Special Issue 2020 For the 50th Anniversary of the Journal, 287-313.

Bianchi P., Labory S. (2019), “Regional industrial policy for the manufacturing revolution: enabling conditions for complex transformations”, Cambridge Journal of Regions, Economy and Society, 12(2), 233-49.

Barzotto M., Corradini C., Fai F., Labory S., Tomlinson P. (2019), “Enhancing innovative capabilities in lagging regions: an extra-regional collaborative approach to RIS3”, Cambridge Journal of Regions, Economy and Society, 12(2), 213-32.

Bianchi P., Labory S. (2019), “Manufacturing Regimes and Transitional Paths: Lessons for Industrial Policy”, Structural Change and Economic Dynamics, 48 (March), pp. 24-31.

Iorio R., Rentocchini F., Labory S. (2017), “The importance of pro-social behaviour for the breadth and depth of knowledge transfer activities: An analysis of Italian academic scientists”, Research Policy, 46(2), pp. 497-509.

Bianchi P., Labory S. (2016), “Industrial change, financial systems and coherent industrial policy”, *Revue d’économie industrielle*, n.154, pp. 207-226.

Labory S. (2014), “Quale politica industriale nell’attuale contesto competitivo?”, *QA, Rivista dell’Associazione Rossi Doria*.

Labory S., Prodi G. (2014), “Structural Transformations in Clusters. The cases of Biomedical and Ceramics”, *Revue d’économie industrielle*, n.145, pp. 95-120.

Bianchi P., Labory S. (2013), “Structural Transformations in Industries and Filieres”, *Revue d’économie industrielle*, n.144, pp. 173-195.

D’Amore R., Iorio R., Labory S., Stawinoga A. (2013), “Research collaboration networks in biotechnology: exploring the trade-off between institutional and geographic distance”, *Industry and Innovation*, 20(3), pp. 261-276.

Iorio R., Labory S., Paci D. (2012), “Research collaboration and publications’ citation impact: evidence in the Italian biotech sector”, *Rivista Italiana degli Economisti*, n.1, pp.75-100.

Bianchi P., Labory S. (2011), “Industrial Policy after the Crisis: the Case of the Emilia-Romagna Region in Italy”, *Policy Studies*, 32(4), 429-446.

Bellandi M., Labory S., Longhi C., Rochhia S. (2010) “Trente ans d’économie industrielle : réalisations et perspectives”, *Revue d’économie industrielle*, n.129-130, pp. 21-30.

Bianchi P., Labory S. (2010) “Economic Crisis and Industrial Policy”, *Revue d’économie industrielle* , n.129-130, pp. 301-326.

Bianchi P., Labory S., Pontarollo E. (2010) “Industrial policy in Italy viewed through the journal L’Industria”, *Revue d’économie industrielle*, n.129-130, pp. 349-370.

#### **Books**

Barzotto M., Corradini C., Fai F., Labory S., Tomlinson P. (eds.) (2019), “Revitalising Lagging Regions: Smart Specialisation and Industry 4.0”, Regional Studies Policy Impact Books, Routledge, Oxon.

Bianchi P., Labory S., Ruiz Duran C. (eds.) (2019), *Transforming Industrial Policy for the Digital Age: Production, Territories and Structural Change*, Edward Elgar, Cheltenham.

Bianchi P., Labory S. (2018), *Industrial Policy for the Manufacturing Revolution. Perspectives on Digital Globalisation*, Edward Elgar, Cheltenham.

Bianchi P., Labory S. (2016), *Towards a new industrial policy*, Milan: McGraw Hill Education.

Bianchi P., Labory S. (2011), *Industrial Policy after the Crisis. Seizing the Future*, Cheltenham: Edward Elgar.

### **Chapters in books**

Bianchi P., Labory S. (2021), “Industrial Policy since the Industrial Revolution”, in B. van Leeuwen, E. Buyst and R. Philips, *An Economic History of Regional Industrialization (1800-2010)*, Routledge, London, Chapter 11, pp. 260-78.

Bianchi P., Labory S. (2020), “European industrial policy. A comparative perspective”, in A. Oqubay, C. Cramer, H-J Chang, and R Kozul-Wright (eds.), *The Oxford Handbook of Industrial Policy*, Oxford University Press, Chapter 21.

Bianchi P., Labory S., Ruiz Duran C. (2019), “Introduction”, in Bianchi P., Labory S., Ruiz Duran C. (eds.) (2019), *Transforming Industrial Policy for the Digital Age: Production, Territories and Structural Change*, Edward Elgar, Cheltenham.

Bianchi P., Labory S. (2019), “Economia strutturale e nuova industria”, in Quadrio Curzio A., Fortis M. (a cura di), *Strutture industriali e innovazione sistemica. Strategie e sostenibilità*, Il Mulino, Bologna, pp. 35-62.

Bianchi P., Labory S. (2018), “The Political Economy of Industry”, in Cardinale I., Scazzieri R. (eds.), *The Palgrave Handbook of Political Economy*, Palgrave Macmillan, Basingstoke (UK), pp. 463-488.

Bianchi P., Labory S. (2017) Industrial Policies for Peripheral Regions in a Globalized World: Territory and Innovation. In: Yülek M. (eds) Industrial Policy and Sustainable Growth. Sustainable Development. Springer, Singapore. <https://doi.org/10.1007/978-981-10-3964-5_17-1>. ISBN 978-981-10-3964-5.

Labory S. (2017), “La resilienza del distretto di Mirandola”, in Mosconi F., Montella F (a cura di), *Dal garage al distretto. Il biomedicale mirandolese. Storia, evoluzione, prospettive*, Il Mulino, Bologna.

Iorio R., Labory S., Rentocchini F. (2015), “Distinguishing between the Breadth and Depth of Knowledge Transfer Activities: the predominance of third mission motives for Italian academics”, http://druid8.sit.aau.dk/druid/registrant/index/papers, n. 2542.

Labory S., Facchini I. (2014), “Il distretto di Mirandola prima e dopo il terremoto”, in Bellandi M., Caloffi A. (a cura di), *I nuovi distretti industriali. Rapporto di Artimino sullo sviluppo locale 2012-2013*, Il Mulino, Bologna, pp. 107-124.

Bianchi P., Labory S. (2014), “Le nuove politiche industriali in un contesto globale”, in R. Cappellin, E. Marelli, E. Rullani, A. Sterlacchini (a cura di), *Crescita, investimenti e territorio: il ruolo delle politiche industriali e regionali*, Website “Scienze regionali”, ebook 2014.1, pp. 139-146.

Labory S. (2012), “Le politiche pubbliche di support all’upgrading dei cluster e distretti con specializzazione in industrie mature: una rassegna di esperienze europee”, in Bellandi M., Caloffi A. (a cura di), *Innovazione e trasformazione industriale : la prospettiva dei sistemi di produzione locali italiani. Rapporto di Artimino sullo sviluppo locale 2011*, Il Mulino, Bologna, pp. 165-180.

Bianchi P., Labory S. (2012), “Conceptualisations, relationships and trends between innovation, competitiveness and development: industrial policy beyond the crisis”, in Cooke P., Parrilli M.D., Curbelo J.L. (a cura di), *Innovation, Global Change and Territorial Resilience*, Edward Elgar, Cheltenham, Chapter 13, pp. 295-312.

Bianchi P., Labory S. (2011), “Economic Crisis and Industrial Policy in the Union: the need for a long-term vision of industrial development”, in Della Posta P., Talani L.S. (a cura di), *Europe and the Financial Crisis*, Palgrave Macmillan, Basingstoke, Chapter 6, pp. 107-124.

Bacci, L., Labory S., Lombardi M. (2010), “The evolution of external linkages and relational density in the Tuscan Leather Industry”, in Belussi F., Sammarra A. (a cura di), *Business Networks in Clusters and Industrial Districts. The governance of the global value chain*, Routledge, London and New York, pp. 146-171.

Labory S., Prodi G., (2010), “La creazione di vantaggi competitivi: nuovi ruoli per la politica industriale”, in Bianchi P., Pozzi C. (a cura di), *Le politiche industriali alla prova del futuro. Analisi per una strategia nazionale*, Il Mulino, Bologna, pp. 61-92.

#### **Research Reports**

Bianchi P., Labory S. (2018), “Building, embedding and reshaping global value chains”, Background paper for an OECD/EC Workshop on 21 September 2018 within the workshop series “Broadening innovation policy: New insights for regions and cities”, Paris.

Bianchi P., Labory S. (2018), “Industrial policies for the manufacturing revolution”, in TUC Booklet “All Tomorrow’s Jobs. How robotics and new technology can create better work”, Trade Unione Congress, London.

Labory S. (2016), Final Report of the Project on the evaluation of the economic impact of natural disasters, ER Region, Bologna, 28 October.

Labory S. (2015), “Resilience after natural disasters” first report of the research project on the evaluation of the economic impact of natural disasters, ER Region, Italy.

Bianchi P., Labory S. (2012). Industrial Policy in Western Europe: appropriate mix of goals and instruments in a multi-level governance setting, per Industrial Policy Book, a cura di R. Kozul-Wright, UNCTAD, Geneva.

Caloffi A., Labory S. (2012), "Rapporto università-imprese quale sostegno alla competitività del sistema locale”, IRPET, Firenze.

**Speaker at Conferences**

2020:

7 October: **keynote speaker** at the European Week of Regions (organised in webinar by the European Commission): session organised by the Regional Studies Association (RSA) on “Are Policy Makers alone in charting recovery from crisis? How researchers can help?”

23-26 August: ERSA Conference, European Regional Studies Association (webinar), title of presentation: “Place-based industrial policy for less developed regions: smart specialisation and smart complementarity”

8 July: Presentation at the Webforum on “A New European Industrial Strategy and the European Recovery program after the Covid-19 Crisis”, organised by the “Growth, Investment and Territory” Group, title of presentation: “Industrial Policy after the Covid Crisis: mobilising all levels of government for smart complementarity”

2019:

7-8 November: RegInnPol 2019 Conference (14th edition) on Technological change, social innovation, and regional transformation, University of Florence, presentation: “Regional industrial policy in a multilevel governance framework in times of game-changing technological change”. Chair of the Session on “Analysis and evaluation of regional innovation policies”.

22 October: Seminario di Studi “La “metamorfosi” del modello emiliano e il “nuovo” triangolo industriale”, Parma, presentazione intitolata “Rivoluzione industriale e politica industriale: l’Emilia Romagna come laboratorio di azione a livello regionale”.

18-19 October: SISE (Italian Society of Economic History), University of Padova, presentation on : “Regional resilience in historical perspective: what lessons from the Emilia Romagna Region’s case?”, paper realised together with P. Bianchi (University of Ferrara), R. Giardino (Emilia Romagna Region), A. Rinaldi and G. Solinas (University of Modena and Reggio Emilia).

26 September: presentation of the book “Revitalising Lagging Regions: Smart Specialisation and Industry 4.0”, with Phil Tomlinson (University of Bath), at the conference “Innovation for Industrial Transformation”, organized at and by the European Commission's Joint Research Centre's Directorate for Growth and Innovation in collaboration with the Directorate for Science, Technology and Innovation dell’OCSE, Seville, Spain.

13-14 September: Conference of the Association of neo-Latin Economists, presentation on Industrial and development policies in Europe.

2018:

12 December: Presentation of the ER region experience in the definition and implementation of industrial policies at the TUC Conference ‘All Tomorrow’s Jobs’: launch of TUC report on the future of manufacturing employment, Trade Union Congress, Londra.

7 December: MAKERS Workshop on “Industry 4.0: A transformative place-based policy” at the Centre for European Policy Studies (CEPS), organized by David Bailey (University of Birmingham) and Felice Simonelli (CEPS), Bruxelles, participation in the Panel “A transformative place-based policy”, with DG Regio della Commissione europea (Peter Berkowitz) and OECD (Annalisa Primi).

25-27 Ocotber: Presentation of “The Political Economy of Industry” at the Annual Conference of the Italian Association of Economists (SIE), session A1 “A political approach to political economy”.

9 October: Speaker at the Week of Regions, Bruxelles, Session on “Smart Specialisation and Industry 4.0” (organised by the RSA), presentation on “Smart Specialisation and Industry 4.0. The importance of extra-regional links for lagging regions”.

21 September: Seminar on Building, embedding and reshaping global value chains, OECD, Paris: presentation of “What policies, initiatives or programmes can support attracting, embedding and reshaping GVCs in regions?” keynote speaker.

12-13 July: Conference of the CJRES (Cambridge Journal of Region, Economy and Society) on “Back on the Agenda? Industrial Policy Revisited”, Cambridge, UK, two presentazions: “Why is the Territorial Level the Most Appropriate for Industrial Policy in the Fourth Industrial Revolution?” and “Enhancing Innovative Capabilities in Peripheral Regions: An Extra‐Regional Collaborative Approach to RIS3” the latter with P. Tomlinson (University of Bath).

24 May: Presentation of “Medium and Long-Term Economic Consequences of Natural Disasters on Territories” at the 3rd EUSAIR Forum (European Strategy for the Adriatic-Ionian Region), Session on Territorial Resilience to Natural Disasters, Catania, Italy.

14-16 January: ReHi (RSA Research Network on Regional Economic and Policy History) Workshop on “A historical account of Regional Resilience”, Fryske Academy, Leeuwarden (Olanda); presentazione del lavoro “Regional Resilience: lessons from historical analysis of industrial policy in the Emilia-Romagna Region in Italy”.

2017:

25-26 April: Conference in London; Workshop Interdisciplinary connections between history and regional studies (Rehi, RSA Research Network on Regional Economic and Policy History), UCL Bartlett School of Planning, London, discussant.

20 April: Collegio europeo Parma, lecture / conference on the European industrial policy and presentation of “Industrial Policy for the Fourth Industrial Revolution” in the Workshop on “Strategic Sectors of the European Union: Hard Science and Technology”.

23-25 March: Participation in the G7 Scientific Academies Meeting, Session on “New economic growth: the role of science, technology, innovation and infrastructure”, for the preparation of the Joint Statement 3, Rome, Accademia dei Lincei.

2016:

5 October: presentation of The Importance of Regional Industrial Policy at the Regional Council of the Friuli-Venezia-Giulia Region, Trieste.

23-26 August: European Regional Studies Association (ERSA) Congress, Vienna, Austria, presentation of “Governance, Agency and Regional Resilience: a case study of the Emilia-Romagna Region in Italy”.

3-6 April: Regional Studies Association (RSA) Conference, Graz, Austria, presentation of “Governance, agency and Regional Resilience”.

2015:

11-13 November: SEPIP (Smart Economic Planning and Industrial Policy) Conference, Istanbul Commerce University. Keynote speaker: title of presentation “Industrial Policy and multilevel governance”.

15-17 June: Presentation of “Distinguishing between the Breadth and Depth of Knowledge Transfer Activities: the predominance of third mission motives for Italian academics”, http://druid8.sit.aau.dk/druid/registrant/index/papers, n. 2542, DRUID Conference at the LUISS University of Rome.

5-6 February: Conference of the Società italiana di economia e politica industriale (SIEPI) in Milan, IULM, presentation of “The institutional framework of industrial policy”.

2014

4-10 November: Conferences in Mexico City (invited by UNAM): Elementos para repensar le politica industrial en Mexico: 6 November (Marco institutional de politica industrial para el desarrollo de la empresa y la innovacion); 7 November (Los retos del crescimiento economico: nuevos enfoques para la politica industrial); 8 November, “Industrial policy beyond growth” at ECLAC (UN Economic Commission for Latin America and the Caribbean).

13-14 June: Nice (France), presentation of “Managing the emergency: the case of the reconstruction of the school system in the ER region after the 2012 earthquake”, workshop on “Uncertainty and Risks”, Maison des Sciences de l’Homme.

2013

17-18 October: Keynote speaker at the Conference “Les relations entre la finance et l’industrie”, (Relationships between Finance and Industry), Lyon, Université de Lyon 2, presentation on « Industrial change, financial system and sustainable industrial policy ».

14-15 October: Presentation on “Smart growth: is industrial policy back on stage?”, at the Expert Workshop on Economic Policy Advice for the Quality of Growth, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Berlin, Germany.

17-18 May, Organisation of a workshop on “Manufacturing renaissance? Structural changes and consequences for industrial economics”, at the University of Ferrara. Presentation of “Structural transformations in industry and filieres” with P. Bianchi and “Structural transformations in clusters: the cases of biomedical and ceramics”, with G. Prodi.

4 February: Charles Babbage Seminar, Institute for Manufacturing, University of Cambridge, participation in the panel discussions of the seminar by Patrizio Bianchi on “A New Approach to Industrial Policy”, with Ha-Joon Chang.

2012:

8-10 October: Incontri di Artimino (organizzati dall’Università di Firenze e la Regione toscana) su "Nuovo sviluppo industriale e politiche di sistema", presentazione lavoro sul cluster di Mirandola prima e dopo il terremoto, Artimino.

12 July: Conference East Forum Unicredit / OCSE on “The Challenges to Economic Growth. New approaches to Industrial Policy”, Rome, invited as a discussant.

19-21 June 2012: DRUID Conference, Copenhagen, “Innovation and Competitiveness. Dynamics of organizations, industries, systems and regions”; presentation of paper “How do the institutions involved in Scientific Collaboration deal with spatial and institutional distance? An analysis of co-authorships of scientific publications” (with Iorio R., D’Amore R.)

15-17 February 2012: Industrial Policy Book workshop of ILO / UNCTAD, Geneva. Presentazione del lavoro (congiunto con P. Bianchi) “Industrial Policy in Western Europe”.

2011:

20-21 October 2011, Conference “Clusters in global value chains: what is the role of regional innovation systems?”, Deusto University, Basque Country, Spain. Presentation of paper “The role of external knowledge flows in cluster upgrading: an empirical analysis of the Mirandola biomedical district in Italy”.

3-5 ottobre 2011, Gli Incontri di Artimino “Innovazione e trasformazione industriale dei territori nelle regioni europee” presentazione su “L’upgrading di cluster e distretti con specializzazioni in industrie “mature”: una rassegna di esperienze europee”, Università di Firenze e Regione toscana, Artimino.

2011 AISRE XXII annual conference, Turin, 15-17 September; presentation of paper Bianchi – Labory: “Industrial Policy after the Crisis: the Case of the Emilia-Romagna Region in Italy”

29 June 2011: European Committee of the Regions meeting on Industrial competitiveness: Global challenges, regional responses, Brussels, 29 June 2011 (Presentazione sulla politica industriale con Patrizio Bianchi).

2011 Regional Studies Association Conference, Newcastle-upon-Tyne, 17-20 April; presentazione del lavoro: “Industrial Policy after the Crisis: the Case of the Emilia-Romagna Region in Italy” (co-autore Patrizio Bianchi).