

# LORENZO ZIRULIA

## ACADEMIC POSITION

### *Current*

January 2021-today: Associate Professor in Economics, Università di Milano.

May 2009-today: Fellow at ICRIOS (Invernizzi Center for Research in Innovation, Organization and Strategy previously CRIOS and KITeS), Università Bocconi.

May 2007-today: Fellow at RCEA (Rimini Centre for Economic Analysis).

### *Previous*

September 2014 – January 2021: Associate Professor in Economics, Università di Bologna.

November 2006-September 2014: Assistant Professor, Università di Bologna.

September 2005 – December 2005: Visiting scholar at GREQAM (Groupement de Recherche en Economie Quantitative d'Aix-Marseille), Marseille.

March 2005-Oct. 2006: Post doc fellow, Università Bocconi.

## EDUCATION

May 2005: PhD in Economics, Università Bocconi.

Supervisor: Prof. Franco Malerba. Field: Industrial dynamics.

Thesis title: “R&D networks, market structure and industry evolution”.

September 2003-January 2004: Visiting student (Marie Curie Fellow), MERIT, Maastricht.

October 2002: ETIC (Economics of technological and institutional change) School, MERIT, Maastricht.

June 2001: Master in Economics with distinction, Università Bocconi.

September 2000: ESSID, European summer school on industrial dynamics, Institut d'Études Scientifique de Cargèse.

April 2000: Bachelor degree in Economics, *Summa cum laude*, Università Bocconi.

## **I. RESEARCH**

### **Research interests**

Industrial Organization, Economics of Science, Economics of Innovation, Networks.

## **Publications**

### *A. Journal articles*

“Personalized pricing for customer retention: theory and evidence from mobile communication” (with N. Corrocher and G. Capponi). *Telecommunications Policy*, forthcoming.

“Misallocation of scientific credit: the role of hierarchy and preferences. An extension of Lissoni et al. (2013)” (with F. Montobbio and F. Lissoni), *Industrial and Corporate Change*, forthcoming.

“Does add-on presence always lead to lower baseline prices? Theory and evidence” (with M. Savioli). *Journal of Economics*, 129 (2), 143–172, 2020.

“Endogenous growth of open collaborative innovation communities: a supply-side perspective” (with P. Giordani and F. Rullani). *Industrial and corporate change*, 27 (4), 745–762, 2018.

“A hedonic price model for ski lift tickets in the Dolomites” (with S. Rosson). *Worldwide Hospitality and Tourism Themes*, 10 (2), 222-235, 2018.

“Above a swamp: a theory of high-quality scientific production” (with B. Kiri and N. Lacetera). *Research Policy*, 47(5), 827-839, 2018.

“The economics of research, consulting, and teaching quality: theory and evidence from a technical university” (with S. Bianchini, F. Lissoni and M. Pezzoni), *Economics of Innovation and New Technology*, 25(7), 668-691, 2016.

“Should I stay or should I go?: Weather forecasts and the economics of ‘short breaks’”. *Tourism Economics*, 22 (4), 837-846, 2016.

“Strategic technology alliances and networks” (with N. Vonortas), *Economics of Innovation and New Technology*, 24 (5), 490-509, 2015.

“... then came Cisco, and the rest is history”: a “history friendly” model of Local Area Networking industry” (with R. Fontana). *Journal of Evolutionary Economics*, 25 (5), 875-899, 2015.

“The Flying Dutchmen: recent trends in international outbound tourism from the Netherlands”, *Tijdschrift voor economische en sociale geografie*, 106 (2), 220–227, 2015.

“Inventorship and authorship as attribution rights: an enquiry into the economics of scientific credit” (with F. Lissoni and F. Montobbio), *Journal of Economic Behavior and Organization*, 95, 49-69, 2013.

“La scelta imprenditoriale: un approccio finanziario” (with P. Pattitoni, B. Petracchi, M. Savioli). *Economia e Politica Industriale*, 40, 71-91, 2013.

“When do global pipelines enhance knowledge diffusion in clusters?” (with A. Morrison and R. Rabellotti). *Economic Geography*, 89 (1), 77–96. 2013.

“Individual preferences, organization, and competition in a model of R&D Incentive provision” (with N. Lacetera). *Journal of Economic Behavior and Organization*, 84(2), 550-570, 2012.

“Strategic accessibility competition” (with E. Bacchiega and E. Randon). *Research in Economics*, 66 (2), 195–212, 2012.

“The role of spillovers in R&D network formation”. *Economics of Innovation and New Technology*, 21(1), 83-105, 2012.

“The economics of scientific misconduct” (with N. Lacetera). *Journal of Law, Economics and Organization*, 27, 568-603, 2011.

“Switching costs, consumer heterogeneity and price discrimination” (with N. Corrocher). *Journal of Economics*, 101(2), 149-167, 2010.

“Demand and innovation in services: the case of mobile communications” (with N. Corrocher). *Research Policy*, 39, 945 - 955, 2010.

“Me and You and Everyone We Know: an empirical analysis on consumers' choices and local network externalities in mobile communications” (with N. Corrocher). *Telecommunications Policy*, 33, 68 - 79, 2009.

“*Criminal Minds*: le frodi scientifiche nella prospettiva di un economista”. *Sistemaeconomico*, N°1, 51-62, 2009.

“The opportunity cost of social relations: on the effectiveness of small worlds” (with L. Cassi). *Journal of Evolutionary Economics*, 18 (1), 77-101, 2008.

“Abolizione del contributo di ricarica nella telefonia mobile: i consumatori ci guadagnano?” (with M.R. Battaggion, and N. Corrocher). *Consumatori, Diritto, Mercato*, N°2, 102-110, Giugno, 2007.

“Editorial” (with L. Cassi). *European Journal of Economic and Social Systems*, Special Issue on Re/Combining Knowledge and Innovative Activities, 20 (2), 141 - 146, 2007.

“Gli accordi di cooperazione tecnologica fra imprese e l'organizzazione dell'attività innovativa”. *Sistemaeconomico*, N°1/2, 63-80, 2006.

“Telefonia mobile e costi di ricarica: un dibattito aperto” (with M.R. Battaggion and N. Corrocher). *Economia e Politica Industriale*, N°4, Anno XXXIII, Dicembre 2006.

“Competizione di mercato e reti di Ricerca e Sviluppo”, *Economia e Politica Industriale*, N°2, Anno XXXIII, 129-139, Giugno 2006.

“Industry profit maximizing R&D networks”, *Economics Bulletin*, 12 (1), 1-6, 2006.

### *B. Chapters in edited volumes*

“Horizontal Transmission of Civic Capital and the Emergence of Cooperation: An Agent-Based Modelling Approach” (with R. Patuelli, E. van Leeuwen and A. Reggiani) in S. Suzuki and R. Patuelli (eds), “A broad view of regional science: Essays in Honor of Peter Nijkamp”, Springer, 199-216, 2021.

“Intermodal competition and temporal interdependencies in passenger flows: evidence from the Emerald Coast” (with M. Castellani and P. Pattitoni) in A. Matias, P. Nijkamp, Peter and J. Romão, João (eds), “Impact Assessment in Tourism Economics”, Springer International Publishing, 189-200, 2016.

“Friends and rivals: modelling the social relations of inventors” (with L. Cassi) in P. Morone (ed) “Knowledge, Innovation and Internationalization. Essays in Honour of Cesare Imbriani”, Routledge, 38-58, 2013.

“Policy towards R&D cooperation and industry evolution”. In Bassetti, T. and Pavesi F. (eds), “Economics at Work: Essays on Knowledge, Information and Social Interactions”, Monte Università Parma Editore, 85-106, 2012.

“Competition within and between tourist destinations” in A. Matias, P. Nijkamp and M. Sarmento (eds), “Advances In Tourism Economics: Impact Analysis”, Springer Physica Verlag, 31-41, 2011.

“Reti sociali e diffusione della conoscenza nei cluster: un modello di simulazione” (with A. Morrison and R. Rabellotti) in S. Lorenzini and R. Rabellotti (eds), “Federalismo e crescita: è possibile una relazione virtuosa?”, Franco Angeli, 225-245, 2010.

"The dynamics of networks and the evolution of industries: a survey of the empirical literature" in Malerba F. and Vonortas, N. (eds), "Innovation Networks in Industries", Edward Elgar Publishing, 45-77, 2009.

### *C. Book reviews*

“Piergiuseppe Morone and Richard Taylor: Knowledge diffusion and innovation: modelling complex entrepreneurial behaviours, Edward Elgar, 2010”. *Journal of Evolutionary Economics*, 22 (2), 395-400, 2012.

“A. Goldstein: BRIC. Brasile, Russia, India, Cina alla guida dell'economia globale, Bologna, Il Mulino Contemporanea, 2011”. *Il Mulino*, 6/11, 1075-1076.

“O. Shy: How to price. A guide to pricing techniques and yield management, Cambridge University Press, 2008”. *Almatourism*, 1(1), 87 - 88.

### **National and international conferences, workshops and invited seminars (since 2008)**

#### *2020*

30-31 January: Workshop SIEPI (Società Italiana di Economia e Politica Industriale), Università di Venezia  
Presenting the paper: “Personalized pricing for customer retention: theory and evidence from mobile communication” (with N. Corrocher and G. Capponi).

#### *2019*

25-27 October: ASSET (Association of Southern European Economic Theorists) 2019 Conference. Presenting the paper: Seller competition and platform investment in two-sided markets (with F. Angelini and M. Castellani).

5-6 September: XXXIV Jornadas de Economía Industrial, Madrid. Presenting the paper: “Seller competition and platform investment in two-sided markets” (with F. Angelini and M. Castellani).

15-17 May: 2<sup>nd</sup> International workshop on rethinking clusters: the local and global scale of sustainability transitions, University of Padova. Presenting the paper: “Knowledge networks and resilience: under which conditions regional economies overcome external shocks” (with A. Morrison).

#### *2018*

31 August- 2 September: EARIE (European Association for Research in Industrial Economics) Conference, Athens. Presenting the paper: “Double disclosures and the negotiation of scientific credit in research teams” (with F. Lissoni and F. Montobbio).

21-22 June: International Conference “The Economy as a Spatial Complex System” (ESCoS). Università di Napoli Federico II. Presenting the paper: “Transmission of Social Capital: An Agent-Based Analysis (with R. Patuelli and E. van Leeuwen).

1-2 February: Workshop SIEPI (Società Italiana di Economia e Politica Industriale), Università di Ferrara. Presenting the paper: “Add-on pricing: theory and evidence from the cruise industry” (with M. Savioli).

*2017*

6 December: IMT, Lucca. Presenting the paper: “Double disclosures and the negotiation of scientific credit in research teams” (with F. Lissoni and F. Montobbio) (invited seminar).

19-21 October. 58° Conferenza annuale della Società Italiana degli Economisti, Università della Calabria, Arcavacata di Rende. Presenting the paper: “How far from the tree does the (good) apple fall? Spinout generation and the survival of high-tech firms” (with R. Fontana).

31 August- 2 September: EARIE (European Association for Research in Industrial Economics) Conference, University of Maastricht. Presenting the paper: “Add-on pricing: theory and evidence from the cruise industry” (with M. Savioli).

21-23 June: IATE - International Association for Tourism Economics Conference, Università di Bologna, Rimini. Presenting the paper: “Balassa-Samuelsson effect, culture and pricing. The case of lonely planet tourist guidebooks” (with A. Tubadji and M. Mussoni).

*2016*

20-22 October: 57° Conferenza annuale della Società Italiana degli Economisti, Università Bocconi, Milano. Presenting the paper: “Double disclosures and the negotiation of scientific credit in research teams” (with F. Lissoni and F. Montobbio).

9-10 June: Barcelona GSE Summer Forum, Workshop on Economics of Science and Innovation. Presenting the paper: “Double disclosures and the negotiation of scientific credit in research teams” (with F. Lissoni and F. Montobbio).

9-10 May: Workshop “The Organisation, Economics and Policy of Scientific Research”, Collegio Carlo Alberto, Moncalieri, Torino. Presenting the paper: “Double disclosures and the negotiation of scientific credit in research teams” (with F. Lissoni and F. Montobbio).

28-30 January: Third Conference on Geography of Innovation, Tolosa. Presenting the paper: “Knowledge networks and resilience: under which conditions regional economies overcome external shocks” (with A. Morrison).

*2015*

15 December: Università di Firenze. Presenting the paper: "Above a swamp: a theory of high-quality scientific production" (with B. Kiri and N. Lacetera) (invited seminar).

22-24 October: 56° Conferenza annuale della Società Italiana degli Economisti, Università Parthenope, Napoli. Presenting the paper: “Above a swamp: a theory of high-quality scientific production” (with B. Kiri and N. Lacetera).

19 May: Università di Bologna, Dipartimento di Scienze Aziendali. Presenting the paper: “How far from the tree does the (good) apple fall? Spinout generation and the survival of high-tech firms” (with R. Fontana) (invited seminar).

25-28 August: 55° ERSA (European Regional Science Association) Congress, Lisbon. Presenting the paper: "Knowledge networks and resilience: under which conditions regional economies overcome external shocks" (with A. Morrison).

28-30 August: EARIE (European Association of Research in Industrial Economics) Conference, LMU, Munich. Presenting the paper: "How far from the tree does the (good) apple fall? Spinout generation and the survival of high-tech firms" (with R. Fontana).

10-11 June: Barcelona GSE Summer Forum, Workshop on Economics of Science and Innovation. Presenting the paper: "Above a swamp: a theory of high-quality scientific production" (with B. Kiri and N. Lacetera).

#### 2014

17 December: Dipartimento di Economia "Cognetti De Martiis", Università di Torino. Presenting the paper: "How far from the tree does the (good) apple fall? Spin-out generation and the survival of high-tech firms" (with R. Fontana) (invited seminar).

29-31 August: EARIE (European Association of Research in Industrial Economics) Conference, Università Bocconi, Milano. Presenting the paper "Above a swamp: a theory of high-quality scientific production" (with B. Kiri e N. Lacetera).

27 -30 July: 15th International J.A. Schumpeter Society Conference, Jena. Presenting the paper "How far from the tree does the (good) apple fall? Spin-out generation and the survival of high-tech firms" (with R. Fontana).

26-28 June: Workshop "Industrial Organization: Theory, Empirics and Experiments", Alberobello. Presenting the paper: "Add-on pricing: theory and evidence from the cruise industry" (with M. Savioli)

16-18 June: DRUID Society Conference 2014, Copenhagen Business School. Presenting the paper "Above a swamp: a theory of high-quality scientific production" (with B. Kiri and N. Lacetera).

19-20 May: Workshop "The Organisation, Economics and Policy of Scientific Research", Collegio Carlo Alberto, Moncalieri, Torino. Presenting the paper "Above a swamp: a theory of high-quality scientific production" (with B. Kiri and N. Lacetera).

15-16 May: Advances in Tourism Economics Conference, Universidade Lusíada, Lisbon. Presenting the papers "Add-on pricing: theory and evidence from the cruise industry" (with M. Savioli), "Intermodal competition and tourism flows: evidence from airport and port of Emerald Coast" (with M. Castellani and P. Pattitoni) and "Should I stay or should I go?": weather forecasts and the economics of "short breaks"

20 March: T-Res ORA Project Meeting, University of Toulouse. Presenting the paper: "Decline or resilience? Under which conditions regional economies overcome external shocks" (with A. Morrison) (invited as external expert).

#### 2013

28 November: Dipartimento di Studi Giuridici Filosofici e Economici, Università di Roma La Sapienza. Presenting the paper: "Teaching quality, research and consulting activities: theory and evidence from a technical university" (with S. Bianchini, F. Lissoni and M. Pezzoni) (invited seminar).

22-24 October: 54° Conferenza annuale della Società Italiana degli Economisti, Università di Bologna. Presenting the paper: "A supply-side story for a threshold model: endogenous growth of open collaborative innovation communities" (with F. Rullani).

17-19 June: 35th DRUID Celebration Conference 2013, ESADE Business School, Barcelona. Presenting the paper: "The evolution of R&D networks".

20-22 June: 17th Annual Conference of The International Society for New Institutional Economics, Firenze. Presenting the paper: "A supply-side story for a threshold model: endogenous growth of open collaborative innovation communities" (with F. Rullani).

26-29 June: 17th ATRS World Conference 2013, Università di Bergamo. Presenting the paper: "Temporal interdependencies and regimes in passenger flows: evidence from airport and port of Emerald Coast" (with M. Castellani and P. Pattitoni).

*2012*

27 November: CIRCLE, Lund University. Presenting the paper: "... then came Cisco, and the rest is history": a "history friendly" model of Local Area Networking industry" (with R. Fontana) (invited seminar).

19-21 June: DRUID Summer Conference, Copenhagen Business School, Copenhagen. Presenting the paper "Tie formation over the network life cycle: evidence from telecommunications" (with S. Breschi and F. Malerba).

27-28 April Workshop "The Organisation, Economics and Policy of Scientific Research", Collegio Carlo Alberto, Moncalieri, Torino. Presenting the paper "Teaching quality in a technical university: trade-offs and complementarities with research and consulting activities" (with S. Bianchini, F. Lissoni, M. Pezzoni).

22 March: KITEs Conference "New frontiers in the economics and management of innovation", Università Bocconi. Presenting the paper: "Individual Preferences, Organization, and Competition in a Model of R&D Incentive Provision" (with N. Lacetera).

*2011*

28-29 November: Workshop on the Economics and Management of Leisure, Travel and Tourism, Università di Bologna, Polo di Rimini. Presenting the paper: "Should I stay or should I go? Weather forecasts and the economics of "short breaks"".

15-16 September: 1st International Conference on Tourism Management and Tourism Related Issues, Università di Bologna, Polo di Rimini. Presenting the paper: "Should I stay or should I go? Weather forecasts and the economics of "short breaks"".

22 March 2011: Dipartimento di Ingegneria Gestionale, Politecnico di Milano. Presenting the paper: "Between IPRs and public-funded research: lessons from the free/open source software community case" (with F. Rullani) (invited seminar).

*2010*

2-4 September: EARIE (European Association of Research in Industrial Economics) Conference, Istanbul. Presenting the paper "Strategic accessibility competition" (with E. Bacchiega and E. Randon).

16-18 June: DRUID Summer Conference, Imperial College, London. Presenting the paper "Knowledge spillovers, competition and taste for science in a model of R&D incentive provision" (with N. Lacetera).

10-13 June: The Rimini Conference in Economics and Finance, Università di Bologna, Polo di Rimini. Presenting the paper "Knowledge spillovers, competition and taste for science in a model of R&D incentive provision" (with N. Lacetera).

10 May: CSEF, Università di Napoli "Federico II". Presenting the paper: "Knowledge spillovers, competition and taste for science in a model of R&D incentive provision" (with N. Lacetera) (invited seminar).

2009

12 -14 May: DIME Workshop on "The Structure and Dynamics of Knowledge Networks", Eindhoven University of Technology. Presenting the paper: "Friends and rivals: modelling the social relations of inventors" (with L. Cassi).

23 – 24 April: Advances in Tourism Economics Conference, Universidade Lusíada, Lisbon. Presenting the papers: "Competition within and between tourist destinations" and "Hotel characteristics and prices in a mature tourist destination: the case of Rimini" (with A. Mariotti).

2008

4 December: School of Economics and Finance, University of St Andrews. Presenting the paper: "The economics of scientific misconduct" (con N. Lacetera) (invited seminar).

23-24 October: DIME Conference on "Demand, Innovation, and Industrial Dynamics", Università Bocconi, Milano. Presenting the paper: "... then came Cisco, and the rest is history": a "history friendly" model of Local Area Networking industry" (with R. Fontana).

27- 31 August: European meeting of the European Economic Association and the Econometric Society (EEA/ESEM), Università Bocconi, Milan. Presenting the paper: "Knowledge spillovers, competition and taste for science in a model of R&D incentive provision" (with N. Lacetera).

14-15 July: BRICK-DIME Workshop on "The Organization, Economics and Policy of Academic Research, Collegio Carlo Alberto, Turin, Italy. Presenting the paper "The Economics of Scientific Misconduct" (with N. Lacetera).

17-20 June: 25th DRUID Celebration Conference, Copenhagen. Presenting the paper "Local links, global links and the diffusion of knowledge in clusters: a simulation model" (with A. Morrison and R. Rabellotti).

18 April 2008: Urban and Regional Research Centre, University of Utrecht. Presenting the paper "Local links, global links and the diffusion of knowledge in clusters: a simulation model" (with A. Morrison and R. Rabellotti) (invited seminar).

## **Coordination and participation to national and international research projects**

### Coordination of research groups

*The economics of attribution rights in science and technology: theory and evidence* (with F. Lissoni). Research grant of 20000 \$ (for year 2014) financed by the "Research Program on the Economics of Knowledge Contribution and Distribution", Sloan Foundation.

### Participation to international research projects

*Advancing Knowledge-Based Entrepreneurship and Innovation for Economic Growth and Social Well-being in Europe* (AEGIS). 2009-2011, European Commission, DGXII, Seventh Framework programme, Theme 8 - Socio-Economic Sciences and Humanities, Project Contract 225134. Coordinator: Yoannis Caloghirou.

*The impact of globalisation and increased trade liberalisation on European regions*. 2007-2008. Study for the European-Commission, DG Regio. Coordinators: IGEAT-ULB, Bruxelles; Politecnico di Milano, UMS-RIATE, Paris.

*Knowledge-Based Entrepreneurship: Innovation, Networks and Systems* (KEINS), 2004-2007, European Commission, DGXII, Sixth Framework programme, Priority 7-Citizens and Governance in a Knowledge-Based Society, Contract CIT2-CT-2004-506022. Coordinator: Franco Malerba.



### Coordination and participation to projects financed by University of Bologna

*Trasmissione di capitale sociale nel contesto urbano: approcci teorici e modelli di simulazione*, 2013-2015. “Studio di fattibilità” FARB. Coordinator: Aura Reggiani.

*Concorrenza intra-destinazione e concorrenza inter-destinazione*, 2007-2009. Project financed by the Polo di Rimini. Coordinator: Lorenzo Zirulia.

### Refereeing activity

Riviste: Small Business Economics, Journal of Evolutionary Economics, Industrial and Corporate Change, European Management Review, Information Economics and Policy, Telecommunications Policy, Regional Studies, Economia e Politica Industriale, Economia Politica, Journal of Institutional Economics, Finanza Marketing e Produzione, ETRI Journal, Journal of Economics, Economics Bulletin, Economics of Innovation and New Technology, Southern Economic Journal, Papers in Regional Science, Industry and Innovation, Economics, Research Policy, Economic Geography, Review of Network Economics, Networks and Spatial Economics, Journal of Economic Dynamics and Control, Games and Economic Behavior, Tourism Management, Tourism Economics, International Journal of Production Economics, African Journal of Science Technology Innovation and Development, Journal of Policy Research in Tourism Leisure and Events, Publications, Economic Journal, Journal of Economics and Management Strategy, Journal of Economic Behavior and Organization, Weather Climate and Society, Economica, Strategic Management Journal, Advances in Complex Systems, Eurasian Business Review, Scientometrics, Almatourism - Journal of Tourism, Culture and Territorial Development, Journal of Management Studies.

Referee for the project evaluation “Futuro in Ricerca 2013, MIUR”

*Ad-hoc external reviewer* for the evaluation of projects in the area *Social Sciences and the Humanities* for the Portuguese Foundation for Science and Technology (FCT), 2012.

## II. TEACHING

### Teaching activity at the university level

*a.y. 2020-2021*

*University of Bologna, School of Economics and Management, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of networks and local systems, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y. 2019-2020*

*University of Bologna, School of Economics and Management, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of networks and local systems, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y 2018-2019*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of networks and local systems, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y. 2017-2018*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of networks and local systems, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y. 2016-2017*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of networks and local systems, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y. 2015-2016*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of tourism markets, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y. 2014-2015*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Behavioural Economics, Master program in Business administration and management, curriculum Service Management.

Economics of tourism markets, Bachelor in Economics of Tourism.

Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*a.y. 2013-2014*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Economics of tourism markets, Bachelor in Economics of Tourism.  
Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*Università di Pavia, PhD in Economics and Management*

Social network analysis

*a.y. 2012-2013*

*University of Bologna, School of Economics, Management and Statistics, Rimini Campus.*

Empirical methods for tourism markets, Bachelor in Economics of Tourism.  
Tourism Microeconomics (module: Industrial Organization and Market Structure in Tourism), Master program in Tourism Economics and Management.

*Università di Pavia, PhD in Economics and Management*

Social network analysis

*a.y. 2011-2012*

*University of Bologna, Faculty of Economics in Rimini*

Empirical methods for tourism markets, Bachelor in Economics of Tourism.  
Economics of industrial sectors, Master program in Business administration and control.

*a.y. 2010-2011*

*University of Bologna, Faculty of Economics in Rimini*

Empirical methods for tourism markets, Bachelor in Economics of Tourism.  
Economics of industrial sectors, Master program in Business administration and control.

*a.y. 2009-2010*

*University of Bologna, Faculty of Economics in Rimini*

Empirical methods for tourism markets, Bachelor in Economics of Tourism.  
Economics of industrial sectors, Master program in Business administration and control.

*Bocconi University*

Industry Analysis, Master Program in Marketing Management.

*a.y. 2008-2009*

*University of Bologna, Faculty of Economics in Rimini*

Modelli empirici del mercato turistico, Corso di Laurea in Economia dei Mercati e dei Sistemi turistici.

Economia dell'impresa LM (modulo: Le decisioni strategiche dell'impresa), Corso di Laurea Magistrale in Amministrazione e Controllo d'impresa.

*Bocconi University*

Industry Analysis, Master Program in Marketing Management.

*a.y. 2007-2008*

*University of Bologna, Faculty of Economics in Rimini*

Economia applicata al turismo, Corso di Laurea Specialistica in Amministrazione e Revisione Aziendale.  
Economia industriale L.S., Corso di Laurea Specialistica in Amministrazione e Revisione Aziendale.

*a.y. 2006-2007*

*University of Bologna, Faculty of Economics in Rimini*

Economia applicata al turismo, Corso di Laurea Specialistica in Amministrazione e Revisione Aziendale.  
Economia industriale L.S., Corso di Laurea Specialistica in Amministrazione e Revisione Aziendale.

*a.y. 2004-2005*

*Bocconi University*

Microeconomia, Corso di Laurea in Economia aziendale

### **Other teaching activities**

*a.y. 2016-2017*

*TEM Summer School in Economics and Marketing of Tourism, Università della Val d'Aosta, 26-30 June 2017*

Lectures on “Economic Impact and Environmental Sustainability” and “Innovation and Creativity in Tourism”

*EIZ (Economics Institute of Zagreb), 12/7/2017*

Training activity for the Training School organized for the EIZ researchers on “Network analysis: theory and applications”

*a.y. 2009-2010*

*Fondazione Alma Mater, Master in Culture of innovation markets and business creation.*  
Economics and Management of Innovation.

*a.y. 2008-2009*

*Fondazione Alma Mater, Master in Culture of innovation markets and business creation.*  
Valorization of research results.

### **III. OTHER ACTIVITIES**

March 2020 – today: Member of the Editorial Board of the journal *Tourism Economics*.

February 2017 – today: Participation to the faculty board of the PhD in Economics, Department of Economics, University of Bologna.

November 2015-October 2018: Member of the School Board, School of Economics, Management and Statistics, University of Bologna.

October 2015-September 2018: Director of the Master Program in Tourism Economics and Management Coordinator, Università of Bologna, Rimini Campus.

May 2015- April 2018: Member of the Department Council, Department of Economics, University of Bologna.

March 2017: Member of the Commission for the discussion of the PhD dissertation of Francesco Angelini, IMT - Lucca.

January 2005- June 2007: organizer of CESPRI seminars, Bocconi University.