

Curriculum Vitae

Roberto Patuelli

13 agosto 2021

Istruzione

Ph.D. – 2007, Vrije Universiteit Amsterdam, Paesi Bassi: Economics.

Titolo tesi: “Regional Labour Markets in Germany: Statistical Analysis of Spatio-Temporal Disparities and Network Structures”. Supervisor: Prof. Peter Nijkamp e Prof. Aura Reggiani.

Master’s of Arts (M.A.) – 2005, George Mason University, USA: Transportation Policy, Operations and Logistics.

Laurea – 2001, Alma Mater Studiorum - Università di Bologna: Scienze Statistiche ed Economiche.

Posizione Attuale

Professore associato, Politica Economica (SECS-P/02), Dipartimento di Scienze Economiche, Alma Mater Studiorum - Università di Bologna. Da settembre 2014.

Posizioni Passate

Visiting student/researcher, Department of Spatial Economics, Vrije Universiteit Amsterdam, Paesi Bassi (supervisore: Prof. Peter Nijkamp). Da marzo a giugno 2001.

Research assistant, Group Transport and Mobility (GTM), F.U.Ca.M, Mons, Belgio (supervisore: Prof. Michel Beuthe). Progetto di ricerca su “Analysis of the Evolution of Freight Transport Demand for the Different Modes”. Da gennaio a maggio 2002.

Research assistant, School of Public Policy, George Mason University, Fairfax, VA, USA (supervisor: Prof. Roger Stough e Prof. Laurie A. Schintler). Progetto di ricerca sulla relazione tra Metropolitan Study Areas (MSAs) ed infrastrutture Internet. Da ottobre a dicembre 2002.

Visiting researcher, Computer Science Department, ETH, Institute for Scientific Computing, Zurigo, Svizzera (supervisore: Prof. Kai Nagel). Dicembre 2002.

Graduate research assistant, School of Public Policy, George Mason University, Fairfax, VA, USA (supervisore: Prof. Laurie A. Schintler). Da settembre 2003 a luglio 2005.

Junior researcher e PhD candidate, Department of Spatial Economics, Vrije Universiteit Amsterdam, Paesi Bassi (supervisor: Prof. Peter Nijkamp e Prof. Aura Reggiani). Da settembre 2005 ad ottobre 2007.

Guest researcher, Department of Industrial Economics and International Management, ZEW Centre for European Economic Research, Mannheim, Germany. Da ottobre a novembre 2007.

Tutor, Facoltà di Economia-Rimini, Alma Mater Studiorum - Università di Bologna, Rimini. Da novembre 2007 a febbraio 2011.

Ricercatore post-doc, Istituto Ricerche Economiche (IRE), Università della Svizzera Italiana, Lugano, Svizzera. Da marzo 2008 a maggio 2011.

Ricercatore non confermato, Politica Economica (SECS-P/02), Dipartimento di Scienze Economiche, Alma Mater Studiorum - Università di Bologna. Da marzo 2011 a febbraio 2014.

Ricercatore confermato, Politica Economica (SECS-P/02), Dipartimento di Scienze Economiche, Alma Mater Studiorum - Università di Bologna. Da marzo a settembre 2014.

Esperienze di Insegnamento

2007–10 – Macroeconomia (tutor, laurea triennale), Facoltà di Economia-Rimini, Alma Mater Studiorum - Università di Bologna, Rimini.

2009–11 – Economia regionale (Bachelor), Facoltà di Economia, Università della Svizzera Italiana, Lugano, Svizzera.

2010–11 – Politica economica (tutor, laurea triennale), Facoltà di Economia-Rimini, Alma Mater Studiorum - Università di Bologna, Rimini.

2012–presente – Economia del turismo (laurea triennale), Scuola di Economia e Management, Alma Mater Studiorum - Università di Bologna, Rimini.

2015 – Politica economica (modulo 2) (laurea triennale), Scuola di Economia, Management e Statistica, Alma Mater Studiorum - Università di Bologna, Rimini.

2014–19 – Spatial Statistics and Econometrics (R Programming) (Ph.D.), Dipartimento di Scienze Economiche, Alma Mater Studiorum - Università di Bologna, Bologna.

2015–presente – Regional and Transport Economics (laurea magistrale), Scuola di Economia e Management, Alma Mater Studiorum - Università di Bologna, Rimini.

2020–presente – Tourism and Transport (laurea triennale), Scuola di Economia e Management, Alma Mater Studiorum - Università di Bologna, Rimini.

Insegnamenti Occasionali

- 2010 – Spatial econometrics, ERSA Summer School 2010, Stockholm/Jönköping, Svezia.
- 2014 – Spatial filtering lab, 27th ERSA Summer School, Poznań, Polonia.
- 2017 – Spatial Interaction Modelling: An Overview and a Spatial Econometric Perspective (guest lecture), Faculty of Economics and Business, University of Oviedo, Spagna.
- 2019–presente – Spatial Econometrics (guest lecture), Faculty of Economics and Business, University of Oviedo, Spagna.
- 2020 – Spatial Econometrics, EAERE-ETH European Winter School, Ascona, Svizzera.
- 2021 – Macroeconomics (guest lecture), University of Zaragoza, Spagna (online).

Borse, Premi e Riconoscimenti

- 2001 – Borsa per perfezionamento degli studi all'estero dalla Facoltà di Scienze Statistiche, Alma Mater Studiorum - Università di Bologna, €2500.
- 2001 – Secondo premio per tesi di laurea, fornito dalla Provincia di Vicenza e dall'Azienda di Trasporto Pubblico di Vicenza, €500.
- 2002 – Borsa da Group Transport and Mobility (GTM), F.U.Ca.M, Mons, Belgio. Quattro mesi.
- 2002 – Borsa da School of Public Policy, George Mason University, Fairfax, VA, USA. Due mesi.
- 2003–05 – Borsa per Master's da School of Public Policy, George Mason University, Fairfax, VA, USA.
- 2005–07 – Borsa per Ph.D. da Department of Spatial Economics, Vrije Universiteit Amsterdam, Paesi Bassi.
- 2006 – Selezionato per il primo PREPARE Summer Institute, tenuto a Groningen, Paesi Bassi, luglio 2006 (30 partecipanti su 78 domande).
- 2007 – Selezionato per il secondo PREPARE Summer Institute, tenuto a Bratislava, Slovacchia, luglio 2007 (30 partecipanti su 115 domande).
- 2013 – Abilitazione Scientifica Nazionale per la funzione di professore associato in politica economica (SECS-P/02).
- 2013 – Abilitazione Scientifica Nazionale per la funzione di professore associato in economia applicata (SECS-P/06).

- 2014 – Abilitazione Scientifica Nazionale per la funzione di professore associato in economia politica (SECS-P/01).
- 2015 – Second runner-up, best paper award, The 5th Conference of the International Association for Tourism Economics (IATE 2015), Hong Kong, luglio 2015.
- 2017 – Abilitazione Scientifica Nazionale per la funzione di professore ordinario in economia applicata (SECS-P/06) (dal 28/11/2017 al 28/11/2026).
- 2021 – Abilitazione Scientifica Nazionale per la funzione di professore ordinario in politica economica (SECS-P/02) (dal 4/6/2021 al 4/6/2030).

Articoli in Riviste Peer-Reviewed

- 1) Patuelli, R., S. Longhi, A. Reggiani and P. Nijkamp (2003). Multicriteria Analysis of Neural Network Forecasting Models: An Application to German Regional Labour Markets. *Studies in Regional Science* 33 (3): 205–29.
- 2) Schintler, L.A., S.P. Gorman, A. Reggiani, R. Patuelli, P. Nijkamp, A. Gillespie and J. Rutherford (2005). Complex Network Phenomena in Telecommunication Networks. *Networks and Spatial Economics* 5 (4): 351–70.
- 3) Patuelli, R., P. Nijkamp and E. Pels (2005). Environmental Tax Reform and the Double Dividend: A Meta-Analytical Performance Assessment. *Ecological Economics* 55 (4): 564–83.
- 4) Patuelli, R., A. Reggiani, P. Nijkamp and U. Blien (2006). New Neural Network Methods for Forecasting Regional Employment: An Analysis of German Labour Markets. *Spatial Economic Analysis* 1 (1): 7–30.
- 5) Patuelli, R., A. Reggiani and P. Nijkamp (2006). The Development of Regional Employment in Germany: Results from Neural Network Experiments. *Scienze Regionali (Italian Journal of Regional Science)* 5 (3): 63–95.
- 6) Patuelli, R., A. Reggiani, S.P. Gorman, P. Nijkamp and F.-J. Bade (2007). Network Analysis of Commuting Flows: A Comparative Static Approach to German Data. *Networks and Spatial Economics* 7 (4): 315–31.
- 7) Patuelli, R., S. Longhi, A. Reggiani, P. Nijkamp and U. Blien (2007). A Rank-order Test on the Statistical Performance of Neural Network Models for Regional Labor Market Forecasts. *The Review of Regional Studies* 37 (1): 64–81.
- 8) Patuelli, R., P. Nijkamp, S. Longhi and A. Reggiani (2008). Neural Networks and Genetic Algorithms as Forecasting Tools: A Case Study on German Regions. *Environment and Planning B: Planning and Design* 35 (4): 701–22.
- 9) Vaona, A. and R. Patuelli (2008). New Empirical Evidence on Local Financial Development and Growth. *Letters in Spatial and Resource Sciences* 1 (2–3): 147–57.

- 10) Patuelli, R., A. Reggiani, P. Nijkamp and F.-J. Bade (2010). The Evolution of the Commuting Network in Germany: Spatial and Connectivity Patterns. *Journal of Transport and Land Use* 2 (3): 5–37.
- 11) Patuelli, R., A. Vaona and C. Grimpe (2010). The German East-West Divide in Knowledge Production: An Application to Nanomaterial Patenting. *Tijdschrift voor Economische en Sociale Geografie (Journal of Economic and Social Geography)* 101 (5): 568–82.
- 12) Patuelli, R., A. Reggiani, P. Nijkamp and N. Schanne (2011). Neural Networks for Regional Employment Forecasts: Are the Parameters Relevant? *Journal of Geographical Systems* 13 (1): 67–85.
- 13) Patuelli, R., D.A. Griffith, M. Tiefelsdorf and P. Nijkamp (2011). Spatial Filtering and Eigenvector Stability: Space-Time Models for German Unemployment Data. *International Regional Science Review* 34 (2): 253–80.
- 14) Grimpe, C. and R. Patuelli (2011). Regional Knowledge Production in Nanomaterials: A Spatial Filtering Approach. *The Annals of Regional Science* 46 (3): 519–41.
- 15) Oud, J.H.L., H. Folmer, R. Patuelli and P. Nijkamp (2012). Continuous-Time Modelling with Spatial Dependence. *Geographical Analysis* 44 (1): 29–46.
- 16) Patuelli, R., N. Schanne, D.A. Griffith and P. Nijkamp (2012). Persistence of Regional Unemployment: Application of a Spatial Filtering Approach to Local Labor Markets in Germany. *Journal of Regional Science* 52 (2): 300–23.
- 17) Marelli, E., R. Patuelli and M. Signorelli (2012). Regional Unemployment in the EU before and after the Global Crisis. *Post-Communist Economies* 24 (2): 155–75.
- 18) Patuelli, R., M. Mussoni and G. Candela (2013). The Effects of World Heritage Sites on Domestic Tourism: A Spatial Interaction Model for Italy. *Journal of Geographical Systems* 15 (3): 369–402. Ripubblicato in: Patuelli, R. and G. Arbia (eds) (2016). *Spatial Econometric Interaction Modelling*. Springer, Cham, pp. 281–315.
- 19) Engel, D., T. Mitze, R. Patuelli and J. Reinkowski (2013). Does Cluster Policy Trigger R&D Activity? Evidence from German Biotech Contests. *European Planning Studies* 21 (11): 1735–59.
- 20) Guerra, G. and R. Patuelli (2014). The Influence of Role Models on Immigrant Self-Employment: A Spatial Analysis for Switzerland. *International Journal of Manpower* 35 (1/2): 187–215.
- 21) Patuelli, R., M. Mussoni and G. Candela (2014). Cultural Offer and Distance in a Spatial Interaction Model for Tourism. *Economics and Business Letters* 3 (2): 96–108.
- 22) Mayor, M. and R. Patuelli (2015). Spatial Panel Data Forecasting over Different Horizons, Cross-Sectional and Temporal Dimensions. *Revue d'Économie Régionale & Urbaine (Journal of Regional and Urban Economics)* 2015 (1–2): 149–77.

- 23) Gregory, T. and R. Patuelli (2015). Demographic Ageing and the Polarization of Regions – An Exploratory Space-Time Analysis. *Environment and Planning A: Economy and Space* 47 (5): 1192–210.
- 24) Castellani, M., P. Pattitoni and R. Patuelli (2015). Abnormal Returns of Soccer Teams: Reassessing the Informational Value of Betting Odds. *Journal of Sports Economics* 16 (7): 735–59.
- 25) Guerra, G. and R. Patuelli (2016). The Role of Job Satisfaction in Transitions into Self-Employment. *Entrepreneurship Theory and Practice* 40 (3): 543–71.
- 26) Patuelli, R. and P. Nijkamp (2016). Travel Motivations of Seniors: A Review and Meta-Analytical Assessment. *Tourism Economics* 22 (4): 847–62.
- 27) Metulini, R., R. Patuelli and D.A. Griffith (2018). A Spatial-Filtering Zero-Inflated Approach to the Estimation of the Gravity Model of Trade. *Econometrics* 6 (9): 1–15.
- 28) Maxim, M.R., K.K. Zander, R. Patuelli (2019). Green Tax Reform and Employment Double Dividend in European and Non-European Countries: A Meta-Regression Assessment. *International Journal of Energy Economics and Policy* 9 (4): 342–55.
- 29) Patuelli, R., E. Santarelli and A. Tubadji (2020). Entrepreneurial Intention among High-School Students: The Importance of Parents, Peers and Neighbors. *Eurasian Business Review* 10 (2): 225–51.
- 30) Ferretti, R., P. Pattitoni and R. Patuelli (2021). Insider Trading and the Market Abuse Directive: Are Voluntary and Mandatory Takeover Bids Different? *Italian Economic Journal* (in stampa).
- 31) Figini, P. and R. Patuelli (2021). Estimating the Economic Impact of Tourism in the European Union: Review and Computation. *Journal of Travel Research* (in stampa).

Monografie

- 1) Patuelli, R. (2007). Regional Labour Markets in Germany: Statistical Analysis of Spatio-Temporal Disparities and Network Structures. Tesi di Ph.D. (non pubblicata). Faculty of Economics and Business Administration, Vrije Universiteit Amsterdam.
- 2) Patuelli, R. and M. Mayor (2021). *Forecasting Regional Labour Markets*. Springer, Cham (in preparazione).

Curatele

- 1) Geurs, K.T., R. Patuelli and T.P. Dentinho (eds) (2016). *Accessibility, Equity and Efficiency: Challenges for Transport and Public Services*. Edward Elgar, Cheltenham Northampton.

- 2) Patuelli, R. and G. Arbia (eds) (2016). *Spatial Econometric Interaction Modelling*. Springer, Cham.
- 3) Suzuki, S. and R. Patuelli (eds) (2021). *A Broad View of Regional Science – Essays in Honor of Peter Nijkamp*. Springer, Singapore.
- 4) Reggiani, A., L.A. Schintler, D. Czamanski and R. Patuelli (eds) (2021). *Handbook on Entropy, Complexity and Spatial Dynamics: A Rebirth of Theory?* Edward Elgar, Cheltenham Northampton (in stampa).

Capitoli in Libri a Curatela

- 1) Schintler, L.A., S.P. Gorman, A. Reggiani, R. Patuelli and P. Nijkamp (2005). Small-World Phenomena in Communications Networks: a Cross-Atlantic Comparison. In: A. Reggiani and L.A. Schintler (eds) *Methods and Models in Transport and Communications. Cross Atlantic Perspectives*. Springer, Berlin Heidelberg, pp. 201–20.
- 2) Gorman, S.P., R. Patuelli, A. Reggiani, P. Nijkamp, R. Kulkarni and G. Haag (2007). An Application of Complex Network Theory to German Commuting Patterns. In: T. Friesz (ed.) *Network Science, Nonlinear Science and Infrastructure Systems*. Springer, New York, pp. 165–83.
- 3) Patuelli, R., A. Reggiani, P. Nijkamp and F.-J. Bade (2009). Spatial and Commuting Networks: A Unifying Perspective. In: A. Reggiani and P. Nijkamp (eds) *Complexity and Spatial Networks: In Search of Simplicity*. Springer, Berlin Heidelberg, pp. 257–71.
- 4) Patuelli, R., D.A. Griffith, M. Tiefelsdorf and P. Nijkamp (2012). Spatial Filtering Methods for Tracing Space-Time Developments in an Open Regional System: Experiments with German Unemployment Data. In: A. Frenkel, P. Nijkamp and P. McCann (eds) *Societies in Motion: Regional Development, Industrial Innovation and Spatial Mobility*. Edward Elgar, Cheltenham Northampton, pp. 247–68.
- 5) Guerra, G., R. Patuelli and R. Maggi (2012). Ethnic Concentration, Cultural Identity and Immigrant Self-Employment in Switzerland. In: P. Nijkamp, J. Poot and M. Sahin (eds) *Migration Impact Assessment: New Horizons*. Edward Elgar, Cheltenham Northampton, pp. 147–71.
- 6) Mayor, M. and R. Patuelli (2012). Short-Run Regional Forecasts: Spatial Models through Varying Cross-Sectional and Temporal Dimensions. In: E. Fernández Vazquez and F. Rubiera Morollón (eds) *Defining the Spatial Scale in Modern Regional Analysis: New Challenges from Data at Local Level*. Springer, Berlin Heidelberg, pp. 173–92.
- 7) Geurs, K.T., T.P. Dentinho and R. Patuelli (2016). Accessibility, Equity and Efficiency. In: K.T. Geurs, R. Patuelli and T.P. Dentinho (eds) *Accessibility, Equity and Efficiency: Challenges for Transport and Public Services*. Edward Elgar, Cheltenham Northampton, pp. 3–8.

- 8) Patuelli, R. (2016). Spatial Autocorrelation and Spatial Interaction. In: S. Shekhar, H. Xiong and X. Zhou (eds), *Encyclopedia of GIS*. Springer, Cham, pp. 1–7.
- 9) Patuelli, R. and G. Arbia (2016). Spatial Econometric Interaction Modelling: Where Spatial Econometrics and Spatial Interaction Modelling Meet. In: R. Patuelli and G. Arbia (eds) *Spatial Econometric Interaction Modelling*. Springer, Cham, pp. 1–12.
- 10) Patuelli, R., G.-J.M. Linders, R. Metulini and D.A. Griffith (2016). The Space of Gravity: Spatial Filtering Estimation of a Gravity Model for Bilateral Trade. In: R. Patuelli and G. Arbia (eds) *Spatial Econometric Interaction Modelling*. Springer, Cham, pp. 145–69.
- 11) Arbia, G. and R. Patuelli (2016). Conclusions: The Future of Spatial Interaction Modelling. In: R. Patuelli and G. Arbia (eds) *Spatial Econometric Interaction Modelling*. Springer, Cham, pp. 465–8.
- 12) Rios, V. and R. Patuelli (2018). What is the Effect of Population Ageing in Regional Labour Market Fluctuations of Germany? A SVAR with Zero-Sign Restrictions Approach. In: U. Blien, K. Kourtit, P. Nijkamp and R. Stough (eds) *Modeling Aging and Migration Effects on Spatial Labor Markets*. Springer, Cham, pp. 233–59.
- 13) Patuelli, R., E. van Leeuwen, L. Zirulia and A. Reggiani (2021). Horizontal Transmission of Civic Capital and the Emergence of Cooperation: An Agent-Based Modelling Approach. In: S. Suzuki and R. Patuelli (eds) *A Broad View of Regional Science: Essays in Honor of Peter Nijkamp*. Springer, Singapore, pp. 199–216.

Special Issues in Riviste Peer-Reviewed

- 1) Patuelli, R. and G. Pelloni (eds) (2010). Special Issue: Tourism Economics. *Review of Economic Analysis* 2 (3): 229–303.
- 2) Patuelli, R. and G. Arbia (eds) (2013). Special Issue: Advances in the Statistical Modelling of Spatial Interaction Data. *Journal of Geographical Systems* 15 (3): 229–402.
- 3) Patuelli, R. and M. Mayor (eds) (2014). Special Issue: Advances in Regional Forecasting. *Economics and Business Letters* 3 (4): 191–308.
- 4) Eugenio Martin, J.L. and R. Patuelli (eds) (2021). Special Issue: Panel Data Models in Tourism Research. *Tourism Economics* (in stampa).

Editorials e Guest Editorials

- 1) Patuelli, R. and G. Pelloni (2010). Guest Editorial. *Review of Economic Analysis* 2 (3): 229–31.
- 2) Patuelli, R. and G. Arbia (2013). Editorial: Advances in the Statistical Modelling of Spatial Interaction Data. *Journal of Geographical Systems* 15 (3): 229–31.

- 3) Koschinsky, J., S. Koster, R. Patuelli, V. Royuela and V. Tselios (2014). Editorial: REGION - The Online Open-Access Journal of ERSA. *REGION* 1 (1): 1–3.
- 4) Patuelli, R., M. Mayor (2014). Introduction to the Special Issue: Advances in Regional Forecasting. *Economics and Business Letters* 3 (4): 191–3.

Note, Rapporti e Working Papers

- Lionetti, S. and R. Patuelli (2009). Trading Cultural Goods in the Era of Digital Piracy. Working Paper No. 40-09, The Rimini Centre for Economic Analysis.
- Brighi, P., R. Patuelli and G. Torluccio (2012). Self-Financing of Traditional and R&D Investments: Evidence from Italian SMEs. Working Paper No. 61-12, The Rimini Centre for Economic Analysis.
- Savioli, M. and R. Patuelli (2016). Social Capital, Institutions and Policymaking. Working Paper No. 16-10, The Rimini Centre for Economic Analysis.
- Manasse, P., G.A. Minerva, R. Patuelli and L. Zirulia (2020). How to Lockdown an Economy: An Input Output Analysis of the Italian Case. Quaderni - Working Paper DSE No. 1152, Department of Economics, University of Bologna.

Ricerca in Corso

- Candela, G., M. Mussoni and R. Patuelli, Centralized vs Decentralized Tourism Policies: A Spatial Interaction Model Framework.

Second runner-up, best paper award, The 5th Conference of the International Association for Tourism Economics (IATE 2015), Hong Kong, luglio 2015.

- Patuelli, R. and M. Mayor, Forecasting Regional Unemployment across National Boundaries.
- Savioli, M., M. Mussoni and R. Patuelli, What Goes Around Comes Around: A Structural Equations Modelling Approach on Social Capital, Income and Immigration Aversion.
- Fetahu, E., R. Patuelli and L. Vici, Tourism and Growth: A Review and Meta-Analysis.
- Mahmoodi, N., R. Patuelli and J. Mur, Spatial Weights Matrix Specification: A Fuzzy Logic Exploration.
- Patuelli, R., G. Galiazzo and A. Reggiani, The Role of Accessibility and Spatial Interaction in a Doubly Constrained Model: Evidence for Domestic Tourism Flows in Italy.
- Halleck-Vega, S. and R. Patuelli, Dynamics of Spatial Autocorrelation: A New Space-Time State of Mind.

Contratti e Progetti di Ricerca come Responsabile

Responsabile, “Advances in the Statistical Modelling of Spatial Interaction Data” (progetto n. IZ32Z0_135905 / 1), International Exploratory Workshops, Fondo Nazionale Svizzero per la Ricerca Scientifica (SNSF, Svizzera), CHF9,900 (2011).

Coordinatore di Unità Locale, “Interazioni sociali e spaziali nell'accumulazione di capitale civico ed umano” (progetto n. RBFR1269HZ_003), Futuro in Ricerca 2012, Ministero dell'Istruzione, dell'Università e della Ricerca. Coordinatore Nazionale: Giorgio Fazio, EUR770,276 (Unità Locale: EUR133,334) (2013–17).

Responsabile, “Social Networks and the Disposition towards Entrepreneurship: Investigating the Roles of Friendship Intensity and Spatial Effects in Peer Adolescent Risk Preferences Formation”, Alma Mater Studiorum - Università di Bologna, EUR 23.462 (2016–17).

Contratti e Progetti di Ricerca come Partecipante

“Forecasts of Employment and Unemployment on Regional Labour Markets in Germany: New Approaches and Experiments”, IAB (Germania). Coordinatore: Peter Nijkamp (2002–06).

“STELLA (Sustainable Transport in Europe and Links and Liaisons with America)”, Commissione Europea. Coordinatore: Peter Nijkamp; Coordinatore Associato: Aura Reggiani (2003–05).

“George Mason Intelligent Transportation Systems, Integration Research, the National Capital Region” (su Route 1 nell'area metropolitana di Washington, D.C.), VDOT/FHA/ITS Research (USA). Coordinatore: Laurie A. Schintler (2003–05).

“ETC and Telematics in Europe”, School of Public Policy, George Mason University (USA). Coordinatore: Jonathan L. Gifford (2003).

“The US 29 Corridor: Transportation and Economic Development Study” (come parte dei requisiti del Practicum Course nel Master's in Transportation Policy, Operations and Logistics, a George Mason University), Virginia Department of Transportation (USA). Coordinatore: Jonathan L. Gifford (2005).

“Regional Unemployment and Spatial Filtering Techniques”, IAB (Germania). Coordinatore: Peter Nijkamp (2007–09).

“Evolution in German Regional Labour Markets: Spatial Networks of Commuting”, IAB (Germania). Coordinatore: Peter Nijkamp (2007–09).

“Does Demographic Change Weaken Knowledge-Based Economies? Analysing the Link between Population Age Structure and Innovation”, Fritz Thyssen Stiftung (Germania). Coordinatore: Melanie Arntz, EUR112,318 (2011–13).

“Polarization and Diffusion of Socio-Economic Development in Poland. An Attempt of Delimitation” (progetto n. POPT.03.01.00-00-136/09), European Funds on the Level of National Cohesion Strategy, IV edition, Technical Assistance Operational

- Programme 2007–2013 [Program Operacyjny Pomoc Techniczna - POPT], Ministry of Regional Development (Polonia). Coordinatore: Piotr Wójcik, PLN65,800 (2011).
- “Trasmissione di Capitale Sociale nel Contesto Urbano: Approcci Teorici e Modelli di Simulazione” (progetto n. FFBO127034), Studi di Fattibilità FARB, Alma Mater Studiorum - Università di Bologna. Coordinatore: Aura Reggiani, EUR25,000 (2013–15).
- “Airport Security and Air Taxi Network in the Adriatic (ADRIAIR)”, IPA Adriatic Cross-border Cooperation Programme 2007-2013, Unione Europea. Coordinatore Scientifico: Fabio Guido Ulderico Ancarani, EUR1,595,051 (2013–14).
- “Population Ageing and Regional Labour Market Development”, IAB (Germania). Coordinatore: Peter Nijkamp (2014–16).
- “Social Networks and the Disposition towards Entrepreneurship: Investigating the Roles of Horizontal and Vertical Personal Relations”, Alma Mater Studiorum - Università di Bologna. Coordinatore: Enrico Santarelli, EUR23,075 (2015–16).
- “Realizzazione di servizi concernenti la georeferenziazione dell’indagine ISFOL PLUS”, Istituto per lo Sviluppo della Formazione Professionale dei Lavoratori (ISFOL). Coordinatore: Eulab Consulting srl (2015–16).
- “DownScaling CLimate imPACTs and decarbonisation pathways in EU islands, and enhancing socioeconomic and non-market evaluation of Climate Change for Europe, for 2050 and beyond (SOCLIMPACT)” (progetto n. 776661), H2020-EU.3.5.1. - Fighting and adapting to climate change, European Commission. Coordinatore: Universidad de Las Palmas de Gran Canaria (Coordinatore Unità Locale: Paolo Figini), EUR4,481,340 (Unità Locale: EUR155,056) (2017–21).
- “L’impatto della disclosure volontaria sulla percezione del rischio”, Alma Idea 2017, Alma Mater Studiorum - Università di Bologna. Coordinatore: Pierpaolo Pattitoni, EUR20,000 (2018–20).
- “Analysis on the economic impact of the European Union tourism sector”, Executive Agency for SMEs (EASME), European Commission, Responsabile: Paolo Figini, EUR14,500 (2018–19).
- “Realizzazione congiunta di attività nell’ambito del percorso di analisi, informazione e coinvolgimento della prima linea tranviaria di Bologna”, Fondazione Innovazione Urbana (2019).
- “Smart Mobility Hubs as Game Changers in Transport (SmartHubs)” (Reference Number: 99950070), ERA-NET Urban Accessibility and Connectivity, JPI-Urban Europe (per l’Italia: Ministero dell’Università e della Ricerca). Coordinatore: University of Twente (Coordinatore Unità Locale: Aura Reggiani), EUR2,142,632 (Unità Locale: EUR203,472) (2021–24).
- “I Big Data per un’analisi integrata a livello di destinazione turistica”, Big data per il turismo, CAST, Alma Mater Studiorum - Università di Bologna. Coordinatore: Paolo Figini, EUR24,000 (2021–23).

Attività Scientifiche Internazionali

Editor, *REGION* (2014–20; 2014–15 come Managing Editor).

Section Editor – Economics, *Miscellanea Geographica* (2019–presente).

Associate editor/Membro dell'editorial board: *Economics and Business Letters* (2012–presente); *Practical Ideas in Economics and Finance* (2012–14); *Review of Economic Analysis* (2013–presente); *Letters in Spatial and Resource Sciences* (2013–presente); *Asia-Pacific Journal of Regional Science* (2016–presente); *Tourism Economics* (2017–presente); *Hungarian Statistical Review* (2018–presente).

Membro dell'advisory board, *Almatourism – Journal of Tourism, Culture and Territorial Development* (2009–12).

Membro dell'editorial staff, *Almatourism – Journal of Tourism, Culture and Territorial Development* (2012–19).

Organizzatore, SNSF International Exploratory Workshop su “Advances in the Statistical Modelling of Spatial Interaction Data” (Lugano, settembre 2011).

Membro del comitato scientifico: 3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB3) (Rimini, giugno 2010); Fourth Seminar of Spatial Econometrics in honour of Doctor J.H.P. Paelinck (Oviedo, ottobre 2010); NECTAR Cluster 1 Meeting (Leeds, settembre 2012); Joint Meeting: 5th Seminar of Spatial Econometrics in honor of Doctor J.H.P. Paelinck and NECTAR Cluster 6 on Accessibility (Coimbra, ottobre 2012); 2nd International Workshop on Spatial Dimensions of the Labour Market: The Relocation of Jobs (Nuremberg, marzo 2014); The Rimini Conference in Economics and Finance (RCEF)-2014 (Rimini, giugno 2014); 1st AMRS Congress and 23rd APDR Congress (Marrakesh, maggio 2016); XXXVII Conferenza scientifica annuale dell'Associazione Italiana di Scienze Regionali (Ancona, settembre 2016); 3rd Workshop on Spatial Dimensions of the Labour Market (Mannheim, marzo 2017); ERSA 2017 (Groningen, agosto/settembre 2017); 4th Workshop on Spatial Dimensions of the Labour Market (Marsiglia, luglio 2019).

Organizzatore di sessioni speciali: Spatial econometrics of labour markets (3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB3), Rimini, giugno 2010); Forecasting regional labour markets (con M. Mayor; 53rd ERSA Congress, Palermo, agosto 2013); Social and spatial interaction in the accumulation of civic and human capital (con G. Fazio, E. Patacchini e M. Percoco; 53rd ERSA Congress, Palermo, agosto 2013); Spatial econometric interaction modelling (con G. Arbia; 11th RSAI World Congress, Istanbul, aprile 2016 – CANCELLATA); Spatial interaction modelling (X World Conference SEA2016, Roma, giugno 2016).

Membro del comitato organizzativo: Tourism Economics Lecture: Tourism Economics in an Age of Turbulence (Rimini, aprile 2009); 3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment

Differentials (GLUNLAB3) (Rimini, giugno 2010); The Rimini Conference in Economics and Finance RCEF (Rimini, giugno 2010); NECTAR 2011 Conference (Antwerp, maggio 2011); NECTAR 2013 International Conference (Ponta Delgada, giugno 2013); Beyond the Great Beauty, Rescaling Heritage and Tourism, RSA workshop (Rimini, febbraio 2016); The Sixth Conference of the International Association for Tourism Economics (Rimini, June 2017).

Tesoriere, NECTAR (2007–13).

Fellow, The Rimini Centre for Economic Analysis (2008–presente).

Segretario Scientifico, The Rimini Centre for Economic Analysis (2009–14).

Rapporteur: STELLA (2003–05); Institute Para Limes (IPL) (settembre 2007).

Supervisione di Studenti

Giuliano Guerra, Università della Svizzera Italiana, Lugano, Svizzera (2012, Ph.D., *summa cum laude*). Titolo tesi: *Determinants of Immigrant Self-Employment Rates and Self-Employment Transitions: Evidence from Switzerland* (supervisore principale: Prof. Rico Maggi). Posizione corrente: Responsabile di settore PMI, Ufficio per lo sviluppo economico, Repubblica e Cantone Ticino, Bellinzona, Svizzera.

Membro del comitato di tesi di dottorato (Ph.D.)

Giuliano Guerra, Università della Svizzera Italiana, Lugano, Svizzera (2012).

Marta Roig-Casanova, Universitat Jaume I, Castellón de la Plana, Spagna (2012).

Laura Carabotta, University of Barcelona, Spagna (2015).

Alessio Muscillo, Università di Siena (2017).

Zofia Bednarowska, Jagiellonian University, Cracovia, Polonia (2018).

Paolo Malfitano, Università della Svizzera Italiana, Lugano, Svizzera (2020).

M. Cristina Rodríguez Rangel, University of Extremadura, Badajoz, Spagna (2020).

External reader di tesi di dottorato (Ph.D.)

Tamara de la Mata López, Universidad Autónoma de Madrid, Spagna (2012).

Nuria Gallego López, Universidad Autónoma de Madrid, Spagna (2015).

Esmat Kamel Mostafá, Universidad Autónoma de Madrid, Spagna (2017).

Boto García David, University of Oviedo, Spagna (2020).

Attività di Referee

Riviste peer-reviewed: *Access Publishers Journal of Arts, Humanities and Legal Studies*; *African Journal of Agricultural Research*; *AIP Advances*; *Almatourism - Journal of Tourism, Culture and Territorial Development* (2); *The Annals of Regional Science* (6); *Applied Spatial Analysis and Policy*; *Cambridge Journal of Regions, Economy and Society*; *Cities*; *Cogent Economics and Finance*; *Cogent Social Sciences*; *Comparative Economic Studies* (2); *Computational Economics*; *Computers, Environment and Urban Systems*; *Ecological Economics* (3); *Economia Politica* (2); *Economic Modelling*; *Economic Notes*; *Economic Research*; *Economics and Business Letters* (2); *Economics: The Open-Access, Open-Assessment E-Journal*; *Economies*; *Empirical Economics* (4); *Energy Policy*; *Energy Sources, Part B: Economics, Planning, and Policy*; *Entrepreneurship Theory and Practice* (2); *Entropy*; *Environment and Planning B: Planning and Design*; *Environment and Planning C: Government and Policy*; *Eurasian Economic Review*; *European Journal of Transport and Infrastructure Research*; *Geographical Analysis* (6); *Growth and Change* (2); *Habitat International*; *Industry and Innovation*; *International Journal of Food and Agricultural Economics*; *International Journal of Manpower* (2); *International Regional Science Review* (4); *International Statistical Review*; *Investigaciones Regionales – Journal of Regional Research*; *ISPRS International Journal of Geo-Information*; *Journal of Agricultural Science and Technology*; *Journal of Business Cycle Measurement and Analysis*; *Journal of Economic Geography*; *Journal of Economic Interaction and Coordination*; *Journal of Geographical Systems* (6); *Journal of Hospitality and Tourism Management*; *Journal of Regional Science* (2); *Journal of Renewable and Sustainable Energy*; *Journal of Transport and Land Use*; *Journal of Transport Geography* (2); *Labour*; *Land Use Policy* (2); *Landscape and Urban Planning*; *Leisure Sciences*; *Letters in Spatial and Resource Sciences* (8); *Networks and Spatial Economics*; *New Mathematics and Natural Computation*; *Papers in Regional Science* (12); *PLOS One*; *Regional Science and Urban Economics*; *Regional Science Policy & Practice*; *Regional Studies*; *Research in Transportation Economics* (2); *Review of Economic Analysis* (3); *Région et Développement*; *Scandinavian Journal of Management*; *Scienze Regionali – Italian Journal of Regional Science* (2); *Small Business Economics* (3); *Socio-Economic Planning Sciences* (2); *Spatial Economic Analysis* (6); *Spatial Statistics* (2); *Stochastic Environmental Research and Risk Assessment*; *Sustainability*; *Tijdschrift voor Economische en Sociale Geografie (Journal of Economic and Social Geography)* (4); *Tourism Economics* (10); *Tourism Management* (5); *Transactions on Neural Networks*; *Transport Reviews* (2); *Urban Geography*; *Urban Studies*.

Capitoli in libri a curatela: Reggiani and Nijkamp (2009), *Complexity and Spatial Networks: In Search of Simplicity*, Springer; Karlsson, Johansson, Kobayashi and Stough (2014), *Knowledge, Innovation and Space*, Edward Elgar; Karlsson, Andersson and Norman (2016), *Handbook of Research Methods and Applications in Economic Geography*, Edward Elgar; Patuelli and Arbia (2016), *Spatial Econometric Interaction Modelling*, Springer; Bernhard, Gråsjö and Karlsson (2021), *Unlocking Regional Innovation and Entrepreneurship: The Potential for Increasing Capacities*, Edward Elgar.

Libri, Elsevier (2015, revisione).

Progetti di ricerca: Israel Science Foundation (2011); Research Grants Council (RGC), Hong Kong (2016, 2018 (2), 2019–20); Ministero dell'Istruzione, dell'Università e della Ricerca (FARE 2016); Austrian Science Fund (FWF) (2017); National Science Center (NCN), Polonia (DAINA, 2018); Università di Verona (Ricerca di Base 2017); Università degli Studi di Firenze (2019); Latvian Council of Science (2020); Università di Parma (Bando di Ateneo 2020 per la ricerca – Action A2).

Premi: NARSC Graduate Student Paper Competition (2012, 2014); ERSA Epainos Award/Young Regional Scientist (EAYRS) Sessions (2014–19).

Valutazioni tenute: Geospatial Information Sciences Program, The University of Texas at Dallas (2014).

Valutazione della Qualità della Ricerca (VQR): 2016 (7).

Assistenza Editoriale

Reggiani, A. and L.A. Schintler (eds) (2005) *Methods and Models in Transport and Communications. Cross Atlantic Perspectives*. Springer, Berlin Heidelberg.

Reggiani, A. and P. Nijkamp (eds) (2006) *Spatial Dynamics, Networks and Modelling*. Edward Elgar, Cheltenham Northampton.

Van Geenhuizen, M., A. Reggiani and P. Rietveld (eds) (2007) *Policy Analysis of Transport Networks*. Ashgate, Aldershot.

Giaoutzi, M. and P. Nijkamp (eds) (2008) *Network Strategies in Europe: The Role of Transport and ICT*. Ashgate, Aldershot Burlington.

Reggiani, A. and P. Nijkamp (eds) (2009) *Complexity and Spatial Networks: In Search of Simplicity*. Springer, Berlin Heidelberg.

Servizio all'Università

Scuola di Economia e Management (ex Facoltà di Economia-Rimini, ex Scuola di Economia, Management e Statistica), sede di Rimini, Alma Mater Studiorum - Università di Bologna:

Membro, commissione per il numero programmato: 2012–13.

Docente di riferimento per informazioni su passaggi e trasferimenti (CLET): 2012–19.

Membro, commissione per la prova di conoscenza della lingua italiana: 2012–16.

Coordinatore, scambio Erasmus con l'Università di Oviedo, Spagna: 2013–presente.

Membro, commissione per i tirocini Erasmus: 2014–20.

Membro, commissione “Borse di studio per tesi all'estero”: 2015–17.

Vice-coordinatore, laurea triennale in “Economia del turismo”: 2016.

Coordinatore, laurea triennale in “Economia del turismo”: 2016–19.

Membro, presidio della qualità, laurea triennale in “Economia del turismo”: 2016–presente.

Membro, presidio della qualità, laurea magistrale in “Resource Economics and Sustainable Development”: 2016–presente.

Membro, commissione per gli assegni di tutorato: 2016–19.

Coordinatore, scambio Erasmus con l'Università di Oviedo, campus di Gijón, Spagna: 2017–presente.

Coordinatore, scambio Erasmus con l'Università di Zaragoza, campus di Huesca, Spagna: 2017–presente.
Membro, Consiglio di Campus di Rimini: 2017–19.
Membro, Consiglio della Scuola di Economia e Management: 2018–presente.
Coordinatore, scambio Erasmus con l'Università di Huelva, Spagna: 2019–presente.
Coordinatore, scambio Erasmus con Klaipeda University, Lituania: 2019–presente.
Coordinatore, scambio Erasmus con Pamukkale University, Turchia: 2019–presente.
Coordinatore, scambio Erasmus con American College, Cipro: 2020–presente.
Membro, commissione borse RESD per blog: 2020–21.
Membro, commissione borse RESD per studenti meritevoli: 2020.
Membro, commissione borse RESD per conferenze: 2020.
Membro, commissione borse RESD per tesi all'estero: 2020.
Membro, commissione attribuzione insegnamenti e moduli didattici: 2020–21.
Coordinatore, scambio Erasmus con l'Università di Cantabria, Spagna: 2021–presente.
Membro, commissione per gli assegni di tutorato (RESD): 2021.
Dipartimento di Scienze Economiche, Alma Mater Studiorum - Università di Bologna:
Membro, Collegio Docenti, PhD in Economics: 2013–18.
Membro, commissione di selezione per gli assegni di ricerca: 2015.
Editor, newsletter di dipartimento: 2017–presente.
Membro/segretario, commissione di valutazione comparativa per ricercatore a tempo determinato, settore concorsuale 13/A2 politica economica: 2019.
Membro, commissione premio alla didattica: 2020–21.
Membro del consiglio, Centro di Studi Avanzati sul Turismo (CAST): 2021–presente.
Alma Mater Studiorum - Università di Bologna:
Presidente di seggio, elezioni rettorali, sede di Rimini: 2015.
Coordinatore scientifico, European Researchers' Night, sede di Rimini: 2016.