

Curriculum Vitae

Roberto Patuelli

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Contacts

Email: roberto.patuelli@usi.ch
Phone: +41(0)586664166 (office)
Fax: +3902700419665

Education

Ph.D. – 2007, VU University Amsterdam, The Netherlands: Economics.

Dissertation title: “Regional Labour Markets in Germany: Statistical Analysis of Spatio-Temporal Disparities and Network Structures”. Supervisors: Prof. Dr Peter Nijkamp and Prof. Dr Aura Reggiani.

M.A. – 2005, George Mason University, USA: Transportation Policy, Operations and Logistics.

Bachelor – 2001, University of Bologna, Italy: Statistics and Economics.

Current Position

Post-doc researcher, Institute for Economic Research (IRE), University of Lugano, Switzerland. Since March 2008.

Past Employment

Visiting student/researcher, Department of Spatial Economics, VU University Amsterdam, The Netherlands (supervisor: Prof. Dr Peter Nijkamp). March to June 2001.

Research assistant, Group Transport and Mobility (GTM), F.U.Ca.M, Mons, Belgium (supervisor: Dr Michel Beuthe). Research project on “Analysis of the Evolution of Freight Transport Demand for the Different Modes”. January to May 2002.

Research assistant, School of Public Policy, George Mason University, Fairfax, VA, USA (supervisors: Prof. Dr Roger Stough and Prof. Dr Laurie A. Schintler). Research project on the relationship between Metropolitan Study Areas (MSAs) and internet infrastructures. October to December 2002.

Visiting researcher, Computer Science Department, ETH, Institute for Scientific Computing, Zurich, Switzerland (supervisor: Prof. Dr Kai Nagel). December 2002.

Graduate research assistant, School of Public Policy, George Mason University, Fairfax, VA, USA (supervisor: Prof. Dr Laurie A. Schintler). September 2003 to July 2005.

Junior researcher and PhD candidate, Department of Spatial Economics, VU University Amsterdam, The Netherlands (supervisors: Prof. Dr Peter Nijkamp and Prof. Dr Aura Reggiani). September 2005 to October 2007.

Guest researcher, Centre for European Economic Research (ZEW), Mannheim, Germany. October to November 2007.

Other Appointments

Teaching assistant (tutor), Rimini Faculty of Economics, University of Bologna, Rimini, Italy. Since November 2007.

Scientific secretary, The Rimini Centre for Economic Analysis, Rimini, Italy. Since May 2009.

Teaching Experience

2010 – Economic policy (teaching assistant, undergraduate level), Rimini Faculty of Economics, University of Bologna, Rimini, Italy.

2010 – Spatial econometrics, ERSA Summer School 2010, Stockholm/Jönköping, Sweden.

2009–present – Regional economics (undergraduate level), Faculty of Economics, University of Lugano, Switzerland.

2007–10 – Macroeconomics (teaching assistant, undergraduate level), Rimini Faculty of Economics, University of Bologna, Rimini, Italy.

Scholarships, Prizes and Honours

2001 – Scholarship for studies abroad (€2500) from the Faculty of Statistics of the University of Bologna, Italy.

2001 – Second prize for B.A. thesis (€500), provided by the Province of Vicenza, Italy and the Public Transport Company of Vicenza, Italy.

2002 – Scholarship from Group Transport and Mobility (GTM), F.U.Ca.M, Mons, Belgium. Four months.

2002 – Scholarship from the School of Public Policy, George Mason University, Fairfax, VA, USA. Two months.

2003–05 – Master’s scholarship from the School of Public Policy, George Mason University, Fairfax, VA, USA.

2005–07 – Ph.D. scholarship from the Department of Spatial Economics, VU University Amsterdam, The Netherlands.

2006 – Selected for the 1st PREPARE Summer Institute, held in Groningen, The Netherlands, July 2006 (30 participants out of 78 applications).

2007 – Selected for the 2nd PREPARE Summer Institute, held in Bratislava, Slovak Republic, July 2007 (30 participants out of 115 applications).

Articles in Refereed Journals

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.

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. ISI impact factor (2009): 1.341.

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. ISI impact factor (2009): 2.422.

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.

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.

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. ISI impact factor (2009): 1.341.

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.

Patuelli, R., S. Longhi, A. Reggiani and P. Nijkamp (2008). Forecasting Regional Employment in Germany by means of Neural Networks and Genetic Algorithms. *Environment and Planning B: Planning and Design* 35 (4): 701–22. ISI impact factor (2009): 1.218.

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.

- 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.
- Grimpe, C. and R. Patuelli (2010). Regional Knowledge Production in Nanomaterials: A Spatial Filtering Approach. *The Annals of Regional Science* (forthcoming). ISI impact factor (2009): 0.822.
- Patuelli, R., A. Reggiani, P. Nijkamp and N. Schanne (2010). Neural Networks for Regional Employment Forecasts: Are the Parameters Relevant? *Journal of Geographical Systems* (forthcoming). ISI impact factor (2009): 1.278.
- Patuelli, R., D.A. Griffith, M. Tiefelsdorf and P. Nijkamp (2010). Spatial Filtering and Eigenvector Stability: Space-Time Models for German Unemployment Data. *International Regional Science Review* (forthcoming). ISI impact factor (2009): 0.939.
- 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)* (forthcoming). ISI impact factor (2009): 0.717.

Monographs

- Patuelli, R. (2007). Regional Labour Markets in Germany: Statistical Analysis of Spatio-Temporal Disparities and Network Structures. Unpublished Ph.D. Thesis. Faculty of Economics and Business Administration, VU University Amsterdam.

Chapters in Edited Books

- 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.
- 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.
- 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.
- Patuelli, R., D.A. Griffith, M. Tiefelsdorf and P. Nijkamp (2010). 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. Essays in Honour of Daniel Shefer (tentative title). Edward Elgar, Cheltenham Northampton (forthcoming).

Guerra, G., R. Patuelli and R. Maggi (2010). Ethnic Concentration, Cultural Identity and Immigrant Self-Employment in Switzerland. In: P. Nijkamp, J. Poot and M. Sahin (eds) *Migration Impact Analysis* (tentative title). Edward Elgar, Cheltenham Northampton (forthcoming).

Unpublished Bulletins, Reports and Working Papers

Black, S., O. Chidoka, S. Crowther, M. Culp, N. Jali and R. Patuelli (2005). U.S. Route 29 in South-Central Virginia: Transportation and Economic Development Study. PUBP 722 – Practicum, Master’s in Transportation Policy, Operations and Logistics, School of Public Policy, George Mason University. Prepared under the guidance of Prof. Jonathan L. Gifford for the Virginia Department of Transportation. Arlington, VA, May.

Oud, J.H.L., H. Folmer, R. Patuelli and P. Nijkamp (2008). A Spatial-Dependence Continuous-Time Model for Regional Unemployment in Germany. Quaderno N. 08-11, Faculty of Economics, University of Lugano. Under second revision for *Geographical Analysis*. ISI impact factor (2009): 1.641.

Lionetti, S. and R. Patuelli (2009). Trading Cultural Goods in the Era of Digital Piracy. Quaderno N. 09-07, Faculty of Economics, University of Lugano. Paper presented at the Rimini Conference in Economics and Finance (RCEF), Rimini, June 2010.

Patuelli, R., N. Schanne, D.A. Griffith and P. Nijkamp (2010). Persistent Disparities in Regional Unemployment: Application of a Spatial Filtering Approach to Local Labour Markets in Germany. Quaderno N. 10-01, Faculty of Economics, University of Lugano. Under revision for the *Journal of Regional Science*. ISI impact factor (2009): 1.132.

Current Research

Patuelli, R. (in progress). Estimating a Spatial Filtering Gravity Model for Bilateral Trade: Functional Specifications and Estimation Challenges. Paper presented at the Conference on Quantitative Social Science Research Using R, New York, NY, June 2009.

Linders, G.-J., R. Patuelli and D.A. Griffith (in progress). The Space of Gravity: Spatial Filtering Estimation of a Gravity Model for Bilateral Trade. Paper presented at the SSES Annual Meeting 2009, Geneva, June 2009.

Lionetti, S. and R. Patuelli (in progress). Augmented Gravity Model: An Empirical Application to Cultural Goods Trade Flows. Paper presented at the 49th European Congress of the Regional Science Association International, Łódź, August 2009.

Guerra, G., R. Patuelli and R. Maggi (in progress). Ethnic Concentration and Migrant Self-Employment: A Spatial Analysis for Switzerland. Paper presented at the International Workshop on Migration Impact Analysis: New Horizons, Amsterdam, March 2010.

Folmer, H., J.H.L. Oud, R. Patuelli and P. Nijkamp (in progress). Endogenous and Exogenous Wages in German Regional Labour Markets: A Continuous-Time, Spatial-Dependence Panel Approach. Paper presented at the 50th European Congress of the Regional Science Association International, Jönköping, August 2010.

Patuelli, R. and N. Schanne (in progress). Spatial Filter Regression of Heterogeneous Spatio-Temporal Autoregressive Processes: Some Monte-Carlo Evidence. Paper presented at the 50th European Congress of the Regional Science Association International, Jönköping, August 2010.

Mayor-Fernández, M. and R. Patuelli (in progress). Forecasting Regional Unemployment: The Contribution of Spatial Filtering.

Contracts and Grants

Participant in “The US 29 Corridor: Transportation and Economic Development Study” (as part of the requirements of the Practicum Course in the Master’s in Transportation Policy, Operations and Logistics, at George Mason University), Virginia Department of Transportation Grant, Jonathan L. Gifford, Principal Investigator (2005).

Participant in “STELLA” (Sustainable Transport in Europe and Links and Liaisons with America), European Commission, Peter Nijkamp, Coordinator; Aura Reggiani, Associate Coordinator (2003–05).

Participant in “George Mason Intelligent Transportation Systems, Integration Research, the National Capital Region” (on Route 1 in the metropolitan area of Washington, D.C.), VDOT/FHA/ITS Research (USA), School of Public Policy, George Mason University, Laurie A. Schintler, Principal Investigator (2003–05).

Participant in “ETC and Telematics in Europe” (with reference to the Italian case), School of Public Policy, George Mason University, Jonathan L. Gifford, Principal Investigator (2003).

Participant in “Forecasts of Employment and Unemployment on Regional Labour Markets in Germany: New Approaches and Experiments”, IAB (Germany), Department of Spatial Economics, VU University Amsterdam, Peter Nijkamp, Principal Investigator (2002–06).

Participant in “Regional Unemployment and Spatial Filtering Techniques”, IAB (Germany), Department of Spatial Economics, VU University Amsterdam, Peter Nijkamp, Principal Investigator (2007–09).

Participant in “Evolution in German Regional Labour Markets: Spatial Networks of Commuting”, IAB (Germany), Department of Spatial Economics, VU University Amsterdam, Peter Nijkamp, Principal Investigator (2007–09).

Memberships

Swiss Society of Economics and Statistics (2009–present).

RSA (Regional Studies Association) (2009–present).

NECTAR (Network on European Communications and Transport Activities Research) (2005–present).

RSAI (Regional Science Association International) (2003–present).

STELLA (Sustainable Transport in Europe and Links and Liaisons with America) (2002–05).

International Scientific Activities

Treasurer, NECTAR (2007–present).

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

Advisory board member, *Almatourism – Journal of Tourism, Culture and Territorial Development*.

Scientific Committee member: 3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB3) (Rimini, June 2010); Fourth Seminar of Spatial Econometrics in honour of Doctor J.H.P. Paelinck (Oviedo, October 2010).

Special session organizer, Spatial econometrics of labour markets (3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB3), Rimini, June 2010).

Organizing Committee: Tourism Economics Lecture: Tourism Economics in an Age of Turbulence (Rimini, April 2009); 3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB3) (Rimini, June 2010); The Rimini Conference in Economics and Finance RCEF (Rimini, June 2010).

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

Reviewing Activities

The Annals of Regional Science (3); Ecological Economics (2); European Journal of Transport and Infrastructure Research; Geographical Analysis (2); International Journal of Manpower; International Statistical Review; Journal of Economic

Geography; Journal of Transport and Land Use; Landscape and Urban Planning; Networks and Spatial Economics; Papers in Regional Science (2); Région et Développement; The Review of Economic Analysis; Scienze Regionali – Italian Journal of Regional Science; Stochastic Environmental Research and Risk Assessment; Transactions on Neural Networks; Transport Reviews.

Chapters in edited books: Reggiani and Nijkamp (2009), *Complexity and Spatial Networks: In Search of Simplicity*, Springer; Karlsson, Johansson, Kobayashi and Stough (forthcoming), *Knowledge and Innovation in Space*, Edward Elgar.

Editorial Assistance

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

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 New York (forthcoming).

Invited Talks

“An Application of Complex Network Theory to German Commuting Patterns” (with Sean P. Gorman). NSF Workshop on Network Science, Nonlinear Network Science and Infrastructure Systems, State College, PA, May 2005.

“Network Analysis of Commuting Flows: A Comparative Static Approach to German Data”. NSF New Scholars Conference on Sustainable Transportation, Indiana University, IN, May 2006.

“Forecasting Regional Employment in Germany: A Review of Neural Network Approaches”. Faculty of Statistics, University of Bologna, Bologna, October 2006.

“Space and Networks: A Dual Perspective on Commuting” (with Aura Reggiani). IPL Workshop on Complexity, Evolution and Learning, Barchem, September 2007.

“Network Analysis: A Concise Tutorial/Exercises with Pajek”. ZEW, Mannheim, November 2007.

“Regional Labour Markets in Germany: Spatial vs Network Heterogeneity”. Department of Production Systems and Business Economics, Politecnico di Torino, Turin, November 2007.

“Knowledge Production in Nanomaterials: An Application of Spatial Filtering to Regional Systems of Innovation”. International Workshop on Human Capital,

Social Capital and Creative Capital as Sources of Regional Growth, Amsterdam, June 2008.

“A Spatial-Dependence Continuous-Time Model for Regional Unemployment in Germany”. 2nd workshop of the Regional Studies Research Network on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB), Rimini, May 2009.

“Persistent Disparities in Regional Unemployment: Application of a Spatial Filtering Approach to Local Labour Markets in Germany”. Department of Spatial Economics, VU University Amsterdam, January 2010.

“Le Reti Neurali: Un Esempio sulle Previsioni dell’Occupazione Regionale”. Faculty of Statistics, University of Bologna (Italy), April 2010.

Presentations at Professional Meetings

Patuelli, R. S. Longhi, A. Reggiani and P. Nijkamp, “A Comparative Assessment of Neural Network Performance by Means of Multicriteria Analysis: An Application to German Labour Market”. Paper presented at the European RSA Summer Institute, Eksjö, June 2002.

Patuelli, R., E. Pels and P. Nijkamp, “Environmental Tax Reform and the Double Dividend”. Paper presented at the International colloquium Meta-analysis in Economics, Amsterdam, December 2002.

Schintler, L.A., S.P. Gorman, A. Reggiani, R. Patuelli and P. Nijkamp, “Scale-Free Phenomena in Communications Networks: A Cross-Atlantic Comparison”. Paper presented at the STELLA Consolidation and exploration Meeting (Focus Group 2), Newcastle, May 2003.

Patuelli, R., S. Longhi, A. Reggiani and P. Nijkamp, “Forecasting Regional Employment in Germany by means of Neural Networks and Genetic Algorithms”. Paper presented at the 50th Annual North American Meetings of the Regional Science Association International, Philadelphia, PA, November 2003.

Schintler, L.A., S.P. Gorman, A. Reggiani, R. Patuelli, A. Gillespie, P. Nijkamp and J. Rutherford, “Complex Network Phenomena in Telecommunication Networks”. Paper presented at the STELLA Seminar Meeting (Focus Group 2), Budapest, April 2004.

Patuelli, R., S. Longhi, A. Reggiani, P. Nijkamp and U. Blien, “New Experiments with Learning Models for Regional Labour Market Forecasting”. Paper presented at the 51st Annual North American Meetings of the Regional Science Association International, Seattle, WA, November 2004.

Patuelli, R., S.P. Gorman, A. Reggiani, P. Nijkamp, R. Kulkarni, L.A. Schintler and G. Haag, “An Application of Complex Network Theory to German Commuting Patterns”. Paper presented at the 8th NECTAR Conference, Las Palmas G.C., June 2005.

Patuelli, R., S. Longhi, A. Reggiani, P. Nijkamp and U. Blien, “Forecasting Regional Employment In Germany: New Neural Network Approaches”. Paper presented at the 45th Congress of the European Regional Science Association, Amsterdam, August 2005.

Patuelli, R., A. Reggiani, S.P. Gorman, P. Nijkamp and F.-J. Bade, “Network Analysis of Commuting Flows: A Comparative Static Approach to German Data”.

- Paper presented at the 52nd Annual North American Meetings of the Regional Science Association International, Las Vegas, NV, November 2005.
- Patuelli, R., D.A. Griffith, M. Tiefelsdorf and P. Nijkamp, "Spatial and Space-time Structure of German Unemployment Data". Paper presented at: 52nd Annual North American Meetings of the Regional Science Association International, Las Vegas, NV, November 2005; International Workshop on Spatial Econometrics and Statistics, Rome, May 2006.
- Patuelli, R., A. Reggiani and P. Nijkamp, "Forecasting Regional Employment In Germany: A Review of Neural Network Approaches". Paper presented at the EcoMod International Conference on Regional and Urban Modelling, Brussels, June 2006.
- Patuelli, R., A. Reggiani, P. Nijkamp and U. Blien, "Neural Networks for Cross-Sectional Employment Forecasts: A Comparison of Model Specifications for Germany". Paper presented at the 46th Congress of the European Regional Science Association, Volos, September 2006.
- Patuelli, R. A. Reggiani, P. Nijkamp and F.-J. Bade, "Network Evolution and Spatial Dynamics: An Exploration Of German Commuting Patterns". Paper presented at: 53rd Annual North American Meetings of the Regional Science Association International, Toronto, ON, November 2006; 9th NECTAR Conference, Porto, May 2007.
- Patuelli, R., D.A. Griffith, M. Tiefelsdorf and P. Nijkamp, "Spatial Filtering and Eigenvector Stability: Dynamic Models for German Unemployment Data". Paper presented at: 53rd Annual North American Meetings of the Regional Science Association International, Toronto, ON, November 2006; 47th Congress of the European Regional Science Association, Paris, August 2007.
- Linders, G.-J., R. Patuelli and D.A. Griffith, "The Space of Gravity: Spatial Filtering Estimation of a Gravity Model for Bilateral Trade". Paper presented at: Small Open Economies in a Globalized World II, Waterloo, ON, June 2008; Summer Conference of the German Speaking Section of the European Regional Science Association, Kiel, June 2008; 48th Conference of the European Regional Science Association. Liverpool, August 2008; International Conference on Econometrics and the World Economy, Fukuoka, March 2009; SSES Annual Meeting 2009, Geneva, June 2009.
- Grimpe, C. and R. Patuelli, "Knowledge Production in Nanomaterials: An Application of Spatial Filtering to Regional Systems of Innovation". Paper presented at: 48th Conference of the European Regional Science Association. Liverpool, August 2008; 3rd Seminar Jean Paelinck on Spatial Econometrics. Cartagena, October 2008.
- Patuelli, R., A. Reggiani, P. Nijkamp and U. Blien, "Spatial Dynamics, Regional Labour Markets and Commuting Patterns: Experiences from Germany". Paper presented at: 48th Conference of the European Regional Science Association. Liverpool, August 2008; 1st Workshop of the Regional Studies Research Network on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB). Thessaloniki, October 2008.
- Oud, J.H.L., H. Folmer, R. Patuelli and P. Nijkamp, "A Spatial-Dependence Continuous-Time Model for Regional Unemployment in Germany". Paper presented at: II World Conference of the Spatial Econometrics Association, New York, NY, November 2008; 55th Annual North American Meetings of the Regional Science Association International, New York, NY, November 2008; 15th

- International Conference on Panel Data, Bonn, July 2009; 5th Nordic Econometric Meeting, Lund, October 2009.
- Patuelli, R., N. Schanne, D.A. Griffith and P. Nijkamp, "The Persistence of Regional Unemployment in Germany: A Spatial Filtering Approach". Paper presented at the 55th Annual North American Meetings of the Regional Science Association International, New York, NY, November 2008; 49th European Congress of the Regional Science Association International, Łódź, August 2009; ZEW/IAB Workshop on Spatial Dimensions of the Labour Market, Mannheim, November 2009; SSES Annual Meeting 2010, Fribourg, June 2010; 16th International Conference on Panel Data, Amsterdam, July 2010.
- Patuelli, R., A. Vaona and C. Grimpe, "Poolability and Aggregation Problems of Regional Innovation Data: An Application to Nanomaterial Patenting". Paper presented at the BRICK-GREDEG Workshop 'The Dynamics of Knowledge and Innovation in Knowledge Intensive Industries', Moncalieri, December 2008; 12th Uddevalla Symposium 2009, Bari, June 2009.
- Lionetti, S. and R. Patuelli, "Augmented Gravity Model: An Empirical Application to Cultural Goods Trade Flows". Paper presented at the Fourth European Workshop on Applied Cultural Economics, Kuşadası, May 2009.
- Patuelli, R., "Estimating a Spatial Filtering Gravity Model for Bilateral Trade: Functional Specifications and Estimation Challenges". Paper presented at the Conference on Quantitative Social Science Research Using R, New York, NY, June 2009.
- Lionetti, S. and R. Patuelli, "Trading Cultural Goods in the Era of Digital Piracy". Paper presented at the 56th Annual North American Meetings of the Regional Science Association International, San Francisco, CA, November 2009; The Rimini Conference in Economics and Finance (RCEF), Rimini, June 2010.
- Guerra, R., R. Patuelli and R. Maggi, "Ethnic Concentration, Cultural Identity and Immigrant Self-Employment in Switzerland". Paper presented at the 3rd International Workshop on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB3), Rimini, June 2010.
- Oud, J.H.L., H. Folmer, R. Patuelli and P. Nijkamp, "Endogenous and Exogenous Wages in German Regional Labour Markets: A Continuous-Time, Spatial-Dependence Panel Approach". Paper presented at the 50th European Congress of the Regional Science Association International, Jönköping, August 2010.