

Curriculum Vitae Harald Bathelt

A. BIOGRAPHICAL INFORMATION

1. PERSONAL

- Office address University of Toronto
Department of Political Science
100 St. George Street
Toronto, Ontario M5S 3G3
Canada
- Office phone 416-946-0183
- Office e-mail harald.bathelt@utoronto.ca

2. DEGREES

- Habilitation 1997 Justus-Liebig-University Gießen, F.R.G.
(Post-doctoral Degree)
“Technologischer Wandel, Arbeitsteilung und Standortstrukturen in der Chemischen Industrie der Bundesrepublik Deutschland: Ein Beitrag zur Erforschung neuer Produktions- und Raumstrukturen in einem nachfordistischen Entwicklungszusammenhang” (Technological Change, the Division of Labor and Spatial Structure Within the German Chemical Industry. A Theoretical and Empirical Analysis of the Post-Fordist Production Structure)
Supervisor: Ernst Giese (Gießen)
- Dr. rer. nat. 1991 Justus-Liebig-University Gießen, F.R.G.
(Ph.D. in Economic Geography)
“Der Einfluß von Schlüsseltechnologie-Industrien auf den regionalen Strukturwandel in den USA und in Kanada. Ein empirischer und theoretischer Beitrag zur industriellen Standortlehre” (The Impact of Key Technology Industries on Regional Change in the USA and in Canada. An Empirical and Theoretical Contribution to Industrial Location Theory)
Supervisor: Ernst Giese (Gießen)
- Dipl.-Geogr. 1987 Justus-Liebig-University Gießen, F.R.G.
(Master in Geography)
“Lineare Optimierung - Modellansätze, Lösungsverfahren und Anwendungsmöglichkeiten in der Geographie” (Linear Programming - Models, Solutions and Geographical Applications)
Supervisor: Ernst Giese (Gießen)

3. EMPLOYMENT

3a. Present Affiliation

- Department of Political Science, University of Toronto
- Present Appointment: Professor of Political Science and Canada Research Chair in “Innovation and Governance”
- Start Date: July 2006
- Rank: Full Professor
- Appointment to Graduate School: December 1998 (University of Frankfurt/Main)
- Date of Tenure Award: December 1998 (University of Frankfurt/Main)

3b. Other and Former Affiliations

Zijiang Visiting Chair at the Department of Urban and Regional Economy (5-year term), East China Normal University in Shanghai, China (since January 2011)

Professor at the Department of Geography & Program in Planning (Cross-Appointment), University of Toronto, Canada (since July 2007)

Research Associate of the Viessmann Research Centre at Wilfrid Laurier University in Waterloo, Canada (since October 2006)

Visiting Professor at the Department of Geography, University of Heidelberg, Germany (December 2010 - June 2011)

Visiting Professor at the Department of Urban and Regional Economy, East China Normal University in Shanghai, China (November 2010)

Professeur invité at HEC Montréal, Université de Montréal, Canada (July 2010 - September 2010)

Visiting Professor at the Department of Urban and Regional Economy, East China Normal University in Shanghai, China (October 2005)

Professor of Economic Geography at Philipps-University Marburg, F.R.G. (October 2002 - August 2006)

Professor of Economic Geography at Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G. (December 1998 - October 2002)

Lecturer at the Department of Geography, Justus-Liebig-University Gießen, F.R.G. (July 1996 - December 1998)

Visiting Professor at the Department of Geography, Wilfrid Laurier University in Waterloo, Canada (July 1991 - September 1991)

4. HONOURS

Awarded Guest Speaker, Jena Lecture Series 2015 in Jena, Germany (June 2015)

Dean's Excellence Award, Faculty of Arts and Science, University of Toronto (July 2013)

Renewed Tier 1 Canada Research Chair in "Innovation and Governance" at the University of Toronto, Canada (July 2013 - June 2020)

Dean's Excellence Award, Faculty of Arts and Science, University of Toronto (July 2012)

Best Paper Award at the Regional Studies Association Global Conference in Beijing, China (June 2012)

Dean's Excellence Award, Faculty of Arts and Science, University of Toronto (July 2011)

Full Member of the Centre for European, Russian, and Eurasian Studies (CERES) at the Munk Centre for International Studies (MCIS), University of Toronto, Canada (February 2010)

Connaught Research Fellowship in the Social Sciences, University of Toronto, Canada (January 2009)

Member of the Board of Trustees of the German Federal Ministry of Transportation, Building and Urban Affairs on National Urban Development Policy (December 2007 - August 2011)

Tier 1 Canada Research Chair in "Innovation and Governance" at the University of Toronto, Canada (July 2006 - June 2013)

Carfax Prize for the Best Article of the Journal European Planning Studies (July 2003)

Award for Excellence in Teaching at Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G. (March 2002)

Recipient of Justus-Liebig-University's Dissertation Award 1991/92 in Gießen, F.R.G. (November 1992)

5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Editor of the Journal “Journal of Economic Geography” (Web Site: <http://joeg.oxfordjournals.org/>) (since September 2012); Ranking According to SCI Journal Citations 2012: 6th out of 72 Geography Journals; 23rd of 333 Economics Journals; A-Journal in Management

Member of the Editorial Board of the Journal “Chinese Geographical Science” (Web Site: <http://www.springer.com/earth+sciences+and+geography/geography/journal/11769>) (since May 2011)

Editor of the Geography Book Series of Ulmer Publishers, Stuttgart, F.R.G. (since October 2004)

Founder and Editor of the Working Paper Series “Spatial Aspects Concerning Economic Structures – SPACES Online” (Web Site: <http://www.spaces-online.com/>) (since May 2003)

Member of the Advisory Board of the Journal “Economic Geography” (Website: <http://www.clarku.edu/econgeography>) (January 2003 - November 2012)

B. ACADEMIC HISTORY

6. A. RESEARCH ENDEAVOURS

A1. Innovation, Knowledge Creation and Cluster Development

- Conceptualization of National and Regional Innovation Systems
- Growth of High-technology Clusters in North America
- Innovation and Re-bundling in Economic Crisis Situations
- Structural Change in Media Industry Clusters
- Toward a Knowledge-based Understanding of Industrial Clusters

A2. Socio-economic Change, Industrial Restructuring and Governance Systems

- Globalization Processes and Changes in the Divisions of Labor of the Chemical Industry
- Re-bundling Processes in East Germany after Reunification
- Regional Specialization and Technological Change
- Restructuring of the German Political Economy

A3. Globalization and Regionalization

- Cultural Boundaries and Inter-firm Communication: Foreign Direct Investments in China
- Innovation Processes Across Spaces Based on Virtual and Temporary Communication
- Internationalization and Cross-border Innovation Networks
- New Chemical Industry Clusters in the Yangtze Delta Region
- Role of International Trade Fairs in Connecting the Global Political Economy

A4. Theorization of Economic Interaction in Space

- Cluster Theory
- Geographies of Knowledge Creation Over Distance
- Foreign Direct Investment
- Relational Economic Geography
- Trade Fairs in the Global Knowledge Economy

B. RESEARCH AWARDS

Asia Pacific Foundation of Canada, Policy Research Grant (15,000 CAD)	February 2015	1 year
SSHRC - Banting Postdoctoral Fellowship (Peng-Fei Li) (140,000 CAD)	October 2013	2 years
SSHRC - Canada Research Chair (1,610,000 CAD)	July 2013	7 years
SSHRC – Insight Grant (150,000 CAD)	April 2013	3+1 years
ECNU Shanghai - Conference Grant (20,000 CAD)	May 2012	1 year
ECNU Shanghai - Zijiang Visiting Chair (25,000 CAD)	January 2011	5 years
UofT - Connaught Research Fellowship (45,000 CAD)	January 2009	1 year
German Federal Ministry of Transportation, Building and Urban Affairs – Travel Budget (15,000 CAD)	July 2007	4 years
SSHRC - MCRI II (81,000 CAD)	July 2007	3 years
SSHRC – Standard Research Grant (80,000 CAD)	April 2007	3+1 years
SSHRC - Canada Research Chair (1,610,000 CAD)	July 2006	7 years
UofT - Connaught Start-Up Award (10,000 CAD)	July 2006	1 year
Government of Hesse, Amazon Logistik, GLS Germany, K+S Kali and Siemens VDO Automotive (30,000 CAD)	February 2006	1 year
German Research Foundation II. (122,500 CAD)	May 2004	3 years
German Research Foundation I.b) (54,000 CAD)	May 2004	2 years
German Research Foundation I.a) (122,500 CAD)	January 2002	2 years

C. PATENTS

N/A

C. SCHOLARLY AND PROFESSIONAL WORK

7. REFEREED PUBLICATIONS

A. ARTICLES

BATHELT, H./ GIBSON, R. (2015): Learning in “Organized Anarchies”: Technological Search

- Processes and Knowledge Flows at International Trade Fairs. In: *Regional Studies* (Vol. 49). doi: 10.1080/00343404.2013.782591. Forthcoming.
- HENN, S./ BATHELT, H. (2015): Knowledge Generation and Field Reproduction in Temporary Clusters and the Role of Business Conferences. In: *Geoforum* (Vol. 58) pp. 104-113 (doi: 10.1016/j.geoforum.2014.10.015).
- BATHELT, H./ COHENDET, P. (2014): The Creation of Knowledge: Local Building, Global Accessing and Economic Development – Toward an Agenda. In: *Journal of Economic Geography* (Vol. 14) pp. 869-882 (doi: 10.1093/jeg/lbu027).
- BATHELT, H./ GLÜCKLER, J. (2014): Institutional Change in Economic Geography. In: *Progress in Human Geography* (Vol. 38) pp. 340-363 (doi: 10.1177/0309132513507823; URL: <http://phg.sagepub.com/cgi/reprint/38/3/340.pdf?ijkey=w9mS38Ck9Eizc8A&keytype=ref>).
- BATHELT, H./ HENN, S. (2014): The Geographies of Knowledge Transfers Over Distance: Toward a Typology. In: *Environment and Planning A* (Vol. 46) pp. 1403-1424.
- BATHELT, H./ LI, P.-F. (2014): Global Cluster Networks – Foreign Direct Investment Flows From Canada to China. *Journal of Economic Geography* (Vol. 14) pp. 45-71 (URL: <http://joeg.oxfordjournals.org/content/14/1/45>).
- BATHELT, H./ ZENG, G. (2014): The Development of Trade Fair Ecologies in China: Case Studies from Chengdu and Shanghai. In: *Environment and Planning A* (Vol. 46) pp. 511-530 (doi: 10.1068/a45661).
- GIBSON, R./ BATHELT, H. (2014): Field Configuration or Field Reproduction? The Dynamics of Global Trade Fair Cycles. In: *Zeitschrift für Wirtschaftsgeographie* (Vol. 58) pp. 216-231.
- BATHELT, H. (2013): Post-Reunification Restructuring and Corporate Re-Bundling in the Bitterfeld-Wolfen Chemical Industry, East Germany. In: *International Journal of Urban and Regional Research* (Vol. 37) pp. 1456-1485 (doi: 10.1068/a45661).
- BATHELT, H./ MUNRO, A. K./ SPIGEL, B. (2013): Challenges of Transformation: Innovation, Re-bundling and Traditional Manufacturing in Canada's Technology Triangle. In: *Regional Studies* (Vol. 47) pp. 1111-1130.
- BATHELT, H./ GLÜCKLER, J. (2012): Why One Idea Is Sometimes Not Enough. In: *Regional Studies* (Vol. 46) pp. 561-563.
- BATHELT, H./ SPIGEL, B. (2012): The Spatial Economy of North American Trade Fairs. In: *Canadian Geographer* (Vol. 56) pp. 18-38.
- BATHELT, H./ ZENG, G. (2012): Strong Economic Growth in Weak Networks: Producer–User Interaction and Knowledge Brokers in the Greater Shanghai Chemical Industry. In: *Applied Geography* (Vol. 32) pp. 158-170.
- LI, P.-F./ BATHELT, H./ WANG, J. (2012): Network Dynamics and Cluster Evolution: Different Trajectories in the Aluminum Extrusion Industry in Dali, China. In: *Journal of Economic Geography* (Vol. 12) pp. 127-155.
- BATHELT, H./ KOGLER, D. F./ MUNRO, A. K. (2011): Social Foundations of Regional Innovation and the Role of University Spin-offs. In: *Industry and Innovation* (Vol. 18, No. 5) pp. 461-486.
- BATHELT, H./ SPIGEL, B. (2011): University Spin-offs, Entrepreneurial Environment and Start-up Policy: The Cases of Waterloo and Toronto (Ontario) and Columbus (Ohio). In: *International Journal of Knowledge-Based Development* (Vol. 2) pp. 202-219 (published in 2012).
- BATHELT, H./ TURI, P. (2011): Local, Global and Virtual Buzz: The Importance of Face-to-Face Contact in Economic Interaction and Possibilities to go Beyond. In: *Geoforum* (Vol. 42) pp. 520-529.
- SCHULDT, N./ BATHELT, H. (2011): International Trade Fairs and Global Buzz, Part II: Practices of Global Buzz. In: *European Planning Studies* (Vol. 19) pp. 1-22.
- ZENG, G./ BATHELT, H. (2011): Divergent Growth Trajectories in China's Chemical Industry: The Case of the Newly Developed Industrial Parks in Shanghai, Nanjing and Ningbo. In:

GeoJournal (Vol. 76, No. 6) pp. 675-698.

BATHELT, H. (2010): The Political Economy of Rupture and Restructuring: Bitterfeld and the East German Chemical Industry. In: GeoINova (Special Issue 2010) pp. 93-109.

BATHELT, H./ KOGLER, D. F./ MUNRO, A. K. (2010): A Knowledge-based Typology of University Spin-offs in the Context of Regional Economic Development. In: Technovation (Vol. 30) pp. 519-532.

BATHELT, H./ SCHULDT, N. (2010): International Trade Fairs and Global Buzz, Part I: Ecology of Global Buzz. In: European Planning Studies (Vol. 18) pp. 1957-1974.

BATHELT, H. (2009): Re-bundling and the Development of Hollow Clusters in the East German Chemical Industry. In: European Urban and Regional Studies (Vol. 16) pp. 363-381.

BATHELT, H./ KAPPES, K. (2009): Necessary Restructuring or Globalization Failure? Shifts in Regional Supplier Relations after the Merger of the Former German Hoechst and French Rhône-Poulenc Groups. In: Geoforum (Vol. 40) pp. 158-170.

SCHULDT, N./ BATHELT, H. (2009): Reflexive Zeit- und Raumkonstruktionen und die Rolle des Global Buzz auf Messeveranstaltungen (Reflexive Time-Space Constructions and the Role of Global Buzz at Trade Fairs). In: Zeitschrift für Wirtschaftsgeographie (Vol. 53) pp. 235-248.

BATHELT, H./ DEWALD, U. (2008): Ansatzpunkte einer relationalen Regionalpolitik und Clusterförderung (Relational Aspects of Regional Economic Support and Cluster Policy). In: Zeitschrift für Wirtschaftsgeographie (Vol. 52) pp. 163-179.

BATHELT, H./ GRÄF, A. (2008): Internal and External Dynamics of the Munich Film and TV Industry Cluster, and Limitations to Future Growth. In: Environment and Planning A (Vol. 40) pp. 1944-1965.

BATHELT, H./ KAPPES, K. (2008): Regional Deindustrialization and Re-bundling: Evidence from the Merger of the former German Hoechst and French Rhône-Poulenc Groups. In: European Planning Studies (Vol. 16) pp. 1329-1352.

BATHELT, H./ SCHULDT, N. (2008): Between Luminaires and Meat Grinders: International Trade Fairs as Temporary Clusters. In: Regional Studies (Vol. 42) pp. 853-868.

BATHELT, H. (2007): Buzz-and-Pipeline Dynamics: Toward a Knowledge-Based Multiplier Model of Clusters. In: Geography Compass (Vol. 1, No. 6) pp. 1282-1298.

BATHELT, H./ ZAKRZEWSKI, G. (2007): Messeveranstaltungen als fokale Schnittstellen der globalen Ökonomie (Trade Fairs as Focal Intersections in the Global Economy). In: Zeitschrift für Wirtschaftsgeographie (Vol. 51) pp. 14-30.

VON BERNUTH, C./ BATHELT, H. (2007): The Organizational Paradox in Advertising and the Reconfiguration of Project Cooperation. In: Geoforum (Vol. 38) pp. 545-557.

BATHELT, H. (2006): Geographies of Production: Growth Regimes in Spatial Perspective 3 - Toward a Relational View of Economic Action and Policy. In: Progress in Human Geography (Vol. 38) pp. 223-236.

DEPNER, H./ BATHELT, H. (2006): Interaktionen in interkulturellen Unternehmensbeziehungen: Horizontale und vertikale Vernetzungsoptionen deutscher Automobilzulieferer in China (Interaction in Intercultural Context: Networking Potentials of German Firms in China). In: Geographische Zeitschrift (Vol. 94) pp. 77-97 (published in 2007).

MASKELL, P./ BATHELT, H./ MALMBERG, A. (2006): Building Global Knowledge Pipelines: The Role of Temporary Clusters. In: European Planning Studies (Vol. 14) pp. 997-1013.

BATHELT, H. (2005): Cluster Relations in the Media Industry: Exploring the 'Distanced Neighbour' Paradox in Leipzig. In: Regional Studies (Vol. 39) pp. 105-127.

BATHELT, H. (2005): Geographies of Production: Growth Regimes in Spatial Perspective 2 - Knowledge Creation and Growth in Clusters. In: Progress in Human Geography (Vol. 29) pp. 204-216.

BATHELT, H. (2005): Chanye Jiqun Yanjiu De Xin Shijiao (Towards a Reconceptualization of Clusters). In: World Regional Studies - Shijie Dili Yanjiu (Vol. 14, No. 1) pp. 1-8.

- BATHELT, H./ GERTLER, M. S. (2005): The German Variety of Capitalism: Forces and Dynamics of Evolutionary Change. In: *Economic Geography* (Vol. 81) pp. 1-9.
- BATHELT, H./ GLÜCKLER, J. (2005): Resources in Economic Geography: From Substantive Concepts Towards a Relational Perspective. In: *Environment and Planning A* (Vol. 37) pp. 1545-1563.
- BATHELT, H./ ZENG, G. (2005): Von ressourcenabhängigen, unvernetzten Industrien zu Industrieclustern? Das Beispiel der südchinesischen Großstadt Nanning (From Resource-Dependent, Isolated Industrial Firms to Industrial Clusters? The Example of Nanning, Southern China). In: *Zeitschrift für Wirtschaftsgeographie* (Vol. 49) pp. 1-22.
- DEPNER, H./ BATHELT, H. (2005): Exporting the German Model: The Establishment of a New Automobile Industry Cluster in Shanghai. In: *Economic Geography* (Vol. 81) pp. 53-81.
- BATHELT, H. (2004): Vom 'Rauschen' und 'Pfeifen' in Clustern: Reflexive Informations- und Kommunikationsstrukturen im Unternehmensumfeld (Buzz and Pipelines in Clusters: Reflexive Information and Communication Structures in the Firms' Milieu). In: *Geographica Helvetica* (Vol. 59) pp. 93-105.
- BATHELT, H./ JENTSCH, C. (2004): Wandel der Projektorganisation am Beispiel der Frankfurter und Leipziger Werbeindustrie (Changes of Project Organization in the Frankfurt and Leipzig Advertising Industry). In: *Petermanns Geographische Mitteilungen* (Vol. 148, No. 2004/4) pp. 44-51.
- BATHELT, H./ MALMBERG, A./ MASKELL, P. (2004): Clusters and Knowledge: Local Buzz, Global Pipelines and the Process of Knowledge Creation. In: *Progress in Human Geography* (Vol. 28) pp. 31-56.
- BATHELT, H. (2003): Geographies of Production: Growth Regimes in Spatial Perspective 1 - Innovation, Institutions and Social Systems. In: *Progress in Human Geography* (Vol. 27) pp. 763-778.
- BATHELT, H./ BOGGS, J. S. (2003): Towards a Reconceptualization of Regional Development Paths: Is Leipzig's Media Cluster a Continuation of or a Rupture with the Past? In: *Economic Geography* (Vol. 79) pp. 265-293.
- BATHELT, H./ DEPNER, H. (2003): Innovation, Institution und Region: Zur Diskussion über nationale und regionale Innovationssysteme (Innovation, Institution and Region: A Commentary on the Discussion of National and Regional Innovation Systems). In: *Erdkunde* (Vol. 57) pp. 126-143.
- BATHELT, H./ GLÜCKLER, J. (2003): Toward a Relational Economic Geography. In: *Journal of Economic Geography* (Vol. 3) pp. 117-144.
- GLÜCKLER, J./ BATHELT, H. (2003): Zur Bedeutung von Ressourcen in der relationalen Wirtschaftsgeographie: Von einer substanzialistischen zu einer relationalen Perspektive (The Importance of Resources in Relational Economic Geography: From Substantive Concepts Towards a Relational Perspective). In: *Zeitschrift für Wirtschaftsgeographie* (Vol. 47) pp. 249-267.
- BATHELT, H. (2002): The Re-emergence of a Media Industry Cluster in Leipzig. In: *European Planning Studies* (Vol. 10) pp. 583-611.
- BATHELT, H./ GLÜCKLER, J. (2002): Wirtschaftsgeographie in relationaler Perspektive: Das Argument der zweiten Transition (Relational Economic Geography After the Second Transition). In: *Geographische Zeitschrift* (Vol. 90) pp. 20-39.
- BATHELT, H./ GRIEBEL, K. (2002): Restructuration de l'ancien site principal du groupe Hoechst après sa fusion avec Rhône-Poulenc pour créer Aventis. In: *Hommes et Terres du Nord* (2002/4) pp. 4-13.
- BATHELT, H./ TAYLOR, M. (2002): Clusters, Power and Place: Inequality and Local Growth in Time-Space. In: *Geografiska Annaler* (Vol. 84 B) pp. 93-109.
- BATHELT, H. (2001): Regional Competence and Economic Recovery: Divergent Growth Paths in Boston's High Technology Economy. In: *Entrepreneurship and Regional Development* (Vol. 13) pp. 287-314.

- BATHELT, H. (2001): Warum Paul Krugmans Geographical Economics keine neue Wirtschaftsgeographie ist! Eine Replik zum Beitrag 'New Economic Geography' von Armin Osmanovic in DIE ERDE 131 (3): 241-257 (Why Paul Krugman's Geographical Economics is Not a New Economic Geography! A Reply to 'New Economic Geography' by Armin Osmanovic). In: Die Erde (Vol. 132) pp. 107-118.
- BATHELT, H. (2000): Räumliche Produktions- und Marktbeziehungen zwischen Globalisierung und Regionalisierung - Konzeptioneller Überblick und ausgewählte Beispiele (Spatial Production and Market Linkages in Global and Regional Contexts - Concepts and Realities). In: Berichte zur deutschen Landeskunde (Vol. 74) pp. 97-124.
- BATHELT, H. (2000): Persistent Structures in a Turbulent World: The Division of Labor in the German Chemical Industry. In: Environment and Planning C - Government and Policy (Vol. 18) pp. 225-247.
- BATHELT, H./ GLÜCKLER, J. (2000): Netzwerke, Lernen und evolutionäre Regionentwicklung (Networks, Learning and Evolutionary Regional Development). In: Zeitschrift für Wirtschaftsgeographie (Vol. 44) pp. 167-182.
- BATHELT, H. (1998): Regionales Wachstum in vernetzten Strukturen: Konzeptioneller Überblick und kritische Bewertung des Phänomens 'Drittes Italien' (Regional Growth Through Networking: A Critical Re-assessment of the 'Third Italy' Phenomenon). In: Die Erde (Vol. 129) pp. 247-271.
- BATHELT, H. (1997): Chemische Industrie zwischen Kontinuität und Umbruch: Technologischer Wandel, Flexibilisierung und räumliche Nähe (Continuity and Change in the Chemical Industry: Technological Structure, Flexibility and Proximity). In: Geographische Zeitschrift (Vol. 85) pp. 193-212.
- BATHELT, H. (1995): Der Einfluß von Flexibilisierungsprozessen auf industrielle Produktionsstrukturen am Beispiel der Chemischen Industrie (Flexibility Processes, Industrial Production and the Chemical Industry). In: Erdkunde (Vol. 49) pp. 176-196.
- BATHELT, H. (1995): Global Competition, International Trade and Regional Concentration: The Case of the German Chemical Industry During the 1980s. In: Environment and Planning C - Government and Policy (Vol. 13) pp. 395-424.
- BATHELT, H. (1994): Die Bedeutung der Regulationstheorie in der wirtschaftsgeographischen Forschung (The Significance of Regulation Approaches in Economic Geography). In: Geographische Zeitschrift (Vol. 82) pp. 63-90.
- BATHELT, H. (1993): Industrieentwicklung im Südosten der USA: Niedriglohnstandort oder Lebensqualitätsvorteil? (Industrial Development in the U.S.-Southeast). In: Geographische Rundschau (Vol. 45) pp. 522-529.
- BATHELT, H. (1992): Räumliche Verteilungsaspekte von Schlüsseltechnologie-Industrien in den USA und in Kanada (The Spatial Distribution of Key Technology Industries in the USA and Canada). In: Erdkunde (Vol. 46) pp. 104-117.
- BATHELT, H. (1992): Erklärungsansätze industrieller Standortentscheidungen: Eine kritische Bestandsaufnahme und empirische Überprüfung am Beispiel von Schlüsseltechnologie-Industrien (Different Approaches in the Explanation of Industrial Location Decisions). In: Geographische Zeitschrift (Vol. 80) pp. 195-213.
- BATHELT, H./ ERB, W.-D. (1992): Probleme der Interpretation von Hauptkomponenten und Faktoren (Problems in the Interpretation of Principal Components and Factors). In: Allgemeines Statistisches Archiv (Vol. 76) pp. 97-110.
- GIESE, E./ SCHAMP, E. W./ BATHELT, H. (1992): Industrielle Standortwahl, Unternehmensstrategien und wissenschaftlicher Technologietransfer (Industrial Location, Corporate Strategies and Technology Transfer). In: Geographische Zeitschrift (Vol. 80) pp. 191-194.
- BATHELT, H. (1991): Employment Changes and Input-Output Linkages in Key Technology Industries: A Comparative Analysis. In: Regional Studies (Vol. 25) pp. 31-43.
- BATHELT, H./ ERB, W.-D. (1991): Zur Interpretation von Hauptkomponenten und Faktoren:

Eine Wiederaufnahme der kritischen Diskussion faktorenanalytischer Verfahren (The Interpretation of Principal Components and Factors: New Aspects in the Discussion of Factor Analysis). In: *Erdkunde* (Vol. 45) pp. 241-254.

BATHELT, H. (1990): Industrieller Wandel in der Region Boston: Ein Beitrag zum Standortverhalten von Schlüsseltechnologie-Industrien (Industrial Change in Greater Boston: A Contribution to the Location Analysis of Key Technology Industries). In: *Geographische Zeitschrift* (Vol. 78) pp. 150-175.

BATHELT, H./ HECHT, A. (1990): Key Technology Industries in the Waterloo Region: Canada's Technology Triangle (CTT). In: *Canadian Geographer* (Vol. 34) pp. 225-234.

BATHELT, H. (1989): The Evolution of Key Technology Centres in North America: A Comparative Analysis. In: *Geographische Zeitschrift* (Vol. 77) pp. 89-107.

B1. BOOKS

BATHELT, H./ GOLFETTO, F./ RINALLO, D. (2014): *Trade Shows in the Globalizing Knowledge Economy*. Oxford University Press: Oxford (320 pages).

BATHELT, H./ GLÜCKLER, J. (2012): *Wirtschaftsgeographie. Ökonomische Beziehungen in räumlicher Perspektive (Economic Geography. Economic Relations in Spatial Perspective)*. 3rd, Completely Revised and Restructured Edition. UTB - Ulmer: Stuttgart (492 pages).

BATHELT, H./ GLÜCKLER, J. (2011): *The Relational Economy: Geographies of Knowing and Learning*. Oxford University Press: Oxford (292 pages).

BATHELT, H./ GLÜCKLER, J. (2002): *Wirtschaftsgeographie. Ökonomische Beziehungen in räumlicher Perspektive (Economic Geography. Economic Relations in Spatial Perspective)*. UTB - Ulmer: Stuttgart (319 pages).

BATHELT, H. (1997): *Chemiestandort Deutschland. Technologischer Wandel, Arbeitsteilung und geographische Strukturen in der Chemischen Industrie (German Chemical Industry. Technological Change, the Division of Labor and Geographical Structure)*. Edition Sigma - Bohn: Berlin (362 pages).

BATHELT, H. (1991): *Schlüsseltechnologie-Industrien. Standortverhalten und Einfluß auf den regionalen Strukturwandel in den USA und in Kanada (Key Technology Industries. Location Behavior and Impact on Regional Change in the USA and Canada)*. Springer: Berlin, Heidelberg and New York (419 pages).

B2. BOOK CHAPTERS

BATHELT, H./ MALMBERG, A./ MASKELL, P. (2016): Reprint of 'Clusters and Knowledge: Local Buzz, Global Pipelines and the Process of Knowledge Creation'. In: *Local and Regional Development: Critical Concepts in Geography* (Eds.: PIKE, A./ RODRÍGUEZ-POSE, A./TOMANEY, J.). Routledge: London. Forthcoming.

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- BATHELT, H./ GRIEBEL, K. (2001): Die Struktur und Reorganisation der Zulieferer- und Dienstleisterbeziehungen des Industriepark Höchst (IPH) (Reorganization of Supplier Relations After Hoechst's Restructuring Into Aventis). IWSG Working Papers 02-2001. Institut für Wirtschafts- und Sozialgeographie, Johann Wolfgang Goethe-Universität: Frankfurt am Main. Web Site: http://www.geo.uni-frankfurt.de/ifh/Forschung/Publikationen/Archiv/downloads/IWSG/IWSG_02-2001.pdf.
- BATHELT, H. (1999): Technological Change and Regional Restructuring in Boston's Route 128 Area. IWSG Working Papers 10-1999. Institut für Wirtschafts- und Sozialgeographie, Johann Wolfgang Goethe-Universität: Frankfurt am Main. Web Site: http://www.geo.uni-frankfurt.de/ifh/Forschung/Publikationen/Archiv/downloads/IWSG/IWSG_02-2001.pdf.
- BATHELT, H. (1998): Regionales Wachstum in vernetzten Strukturen: Netzwerke kleiner und mittlerer Unternehmen im Verarbeitenden Gewerbe des 'Dritten Italien' (Regional Networks of Small and Medium-sized Firms in Italy). Viessmann Discussion Paper Series on Europe No. 8. Waterloo (Ontario). Web Site: <http://www.wlu.ca/~wwwgeog/special/viessman/bathelt.htm>.
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- BATHELT, H./ ERB, W.-D. (1995): Anwendung von GIS in der Wirtschaftsgeographie: Aufbau eines Wirtschaftsinformationssystems für Mittelhessen (Application of GIS Within Economic Geography: Establishing an Economic Information System). In: Karlsruher Geoinformatik Report (Vol. 9, No. 2 + 3) pp. 6-16.
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9. MANUSCRIPTS IN PREPARATION OR SUBMITTED

A. BOOKS AND EDITED BOOKS IN PROGRESS

BATHELT, H./ COHENDET, P./ HENN, S./ SIMON, L. (Eds.) (2014): The Elgar Companion to Innovation and Knowledge Creation. Edward Elgar: Cheltenham, Northampton (MA). In Preparation.

B. ARTICLES IN PREPARATION OR SUBMITTED

BATHELT, H./ GIBSON, R.: (How) Do Trade Fairs Support Industrial Innovation? (in preparation).

BATHELT, H./ ZHAO, J.: Conceptualizing Multiple Clusters in Mega-City Regions: The Case of the Biomedical Industry in Beijing (in preparation).

HENN, S./ BATHELT, H.: Cross-Cluster Knowledge Fertilization and the Generation and Fusion of Buzz (in preparation).

LI, P.-F./ BATHELT, H.: Investment-Based Pipelines in Cluster Networks: China and Canada.

SPIGEL, B./ BATHELT, H.: Cultural Heritage, Social Capital and Economic Development in the Kitchener-Waterloo Region, Canada

10. PAPERS PRESENTED AT MEETINGS AND SYMPOSIA

- August 2015 BATHELT, H./ CONSERVA, N.: "Open-Source Technology, Localized Learning and Institutional Change in Italian Industrial Districts: The Challenges of Arduino" (Presented at the Global Conference on Economic Geography in Oxford, UK)
- August 2015 LI, P.-F./ BATHELT, H.: "An Evolutionary Model of Cross-National Knowledge Networks and FDI Linkages" (Presented at the Global Conference on Economic Geography in Oxford, UK)
- April 2015 HENN, S./ BATHELT, H.: "Cross-Cluster Knowledge Fertilization and the Generation of Buzz" (Presented at the Annual Meetings of the Association of American Geographers in Chicago, IL, USA)
- April 2015 LI, P.-F./ BATHELT, H.: "An Evolutionary Model of Cross-National Knowledge Networks and FDI Linkages" (Presented at the Annual Meetings of the Association of American Geographers in Chicago, IL, USA)
- April 2014 BATHELT, H./ LI, P.-F.: "Investment-Based Pipelines in Cluster Networks: China and Canada" (Presented at the Annual Meetings of the Association of American Geographers in Tampa, FL, USA)
- December 2013 LI, P.-F./ BATHELT, H.: "Reevaluating FDI Linkages Between Developed and Developing Economies: From Comparative Advantage to Knowledge Orientation" (Presented at the Regional Studies Association International Conference in Los Angeles, USA)
- June 2013 BATHELT, H./ HENN, S.: "The Geographies of Knowledge Creation Over Distance" (DRUID Conference on "Innovation, Strategy and Entrepreneurship: Competitiveness and Dynamics of Organizations, Technologies, Systems and Geography" in Barcelona)
- April 2013 BATHELT, H./ HENN, S.: "The Geographies of Knowledge Creation Over Distance" (Presented at the Annual Meetings of the Association of American Geographers in Los Angeles, CA, USA)
- April 2013 HENN, S./ BATHELT, H.: "Field Reproduction, Knowledge Creation and Sense-Making at Conferences: The Case of Toronto" (Presented at the Annual Meetings of the Association of American Geographers in Los Angeles, CA, USA)

- August 2012 HENN, S./ BATHELT, H.: “Trans-Local Professionals and Localized Knowledge Flows: A Case Study of Business Travelers at Pearson International Airport, Toronto” (Presented at the International Geographical Congress in Cologne, F.R.G.)
- June 2012 HENN, S./ BATHELT, H.: “Trans-Local Professionals and Localized Knowledge Flows: A Case Study of Business Travelers at Pearson International Airport, Toronto” (Presented at the Annual Meetings of the Canadian Association of Geographers in Waterloo, Canada)
- May 2012 BATHELT, H./ ZENG, G.: “Knowledge Creation Dynamics at Chinese Trade Fairs: Case Studies from Chengdu and Shanghai” (Presented at the Conference on “Asia-Pacific Trade Fair Ecologies” in Shanghai, China)
- May 2012 HENN, S./ BATHELT, H.: “Trans-Local Professionals and Localized Knowledge Flows: A Case Study of Business Travelers at Pearson International Airport, Toronto” (Presented at the 7th Edition of Proximity Days on “Creativity, Innovation and Proximity” in Montreal, Canada)
- February 2012 BATHELT, H./ GLÜCKLER, J.: “Institutions, Institutionalization and Economic Interaction in Local and Global Context: A Relational Perspective” (Presented at the Workshop on “Institutions, Institutionalization and Organizational Routines in Economic Geography” at the University of Tübingen, F.R.G.)
- February 2012 BATHELT, H./ LI, P.-F.: “A Relational-Evolutionary Perspective of Cluster Dynamics” (Presented at the Annual Meetings of the Association of American Geographers in New York, NY, USA)
- February 2012 BATHELT, H./ LI, P.-F.: “Global Cluster Networks – Foreign Direct Investment Patterns From Canada to China” (Presented at the Annual Meetings of the Association of American Geographers in New York, NY, USA)
- February 2012 ZENG, G./ BATHELT, H.: “Knowledge Creation Dynamics at Chinese Trade Fairs: Case Studies from Chengdu and Shanghai” (Presented at the Annual Meetings of the Association of American Geographers in New York, NY, USA)
- July 2011 BATHELT, H./ LI, P.-F.: “Global Cluster Networks – Diverse Spatial Foreign-Direct Investment Patterns Between Canada and China” (Presented at the Global Conference on Economic Geography in Seoul, Korea)
- July 2011 BATHELT, H./ GLÜCKLER, J.: “Institutions, Institutionalization and Economic Interaction in Local and Global Context: A Relational Perspective” (Presented at the Global Conference on Economic Geography in Seoul, Korea)
- September 2010 BATHELT, H./ MUNRO, A. K./ SPIGEL, B.: “Challenges of Transformation: Innovation, Re-bundling and Traditional Manufacturing in Canada’s Technology Triangle” (Presented at the EURS Conference on “Repositioning of Europe in an Era of Global Transformation” in Vienna, Austria)
- June 2010 DEPNER, H./ BATHELT, H.: “Interaction in Intercultural Context: The Networking Potential of German Firms in China” (Presented at the Workshop “Transnational Corporations, Knowledge and Networks in China’s Regional Economy” at Justus-Liebig-University in Gießen, F.R.G.)
- May 2010 BATHELT, H./ MUNRO, A./ SPIGEL, B.: “Challenges of Transformation: Innovation, Re-bundling and Traditional Manufacturing in Canada’s Technology Triangle” (IGU Mini-Conference on “Industrial Transition – New Patterns of Production, Work, and Innovativeness in Global-Local Spaces” in Cologne, F.R.G.)
- April 2010 BATHELT, H.: “The Political Economy of Rupture and Re-bundling: Post-Reunification Restructuring and the Rise of a ‘Hollow Cluster’ in the Bitterfeld-Wolfen Chemical Industry” (Presented at the Conference “European Integration: Past, Present and Future” of the Viessman European Research Centre, Wilfrid Laurier University in Waterloo, Canada)
- April 2010 BATHELT, H./ SPIGEL, B./ GIBSON, R.: “The Relational Geography of North

- American Trade Fairs” (Presented at the Annual Meetings of the Association of American Geographers in Washington, DC, USA)
- April 2010 BATHELT, H./ MUNRO, A./ SPIGEL, B.: “Challenges of Transformation: Innovation, Re-bundling and Traditional Manufacturing in Canada’s Technology Triangle” (Presented at the Annual Meetings of the Association of American Geographers in Washington, DC, USA)
- May 2009 BATHELT, H./ KOGLER, D./ MUNRO, A.: “University Spin-offs and Regional Development: Toward an Evolutionary Typology” (Presented at the Annual Meetings of the Canadian Association of Geographers in Ottawa, Canada)
- May 2009 BATHELT, H./ GIBSON, R.: “Processes of Specialization and Diffusion Across Capitalist Varieties and the Role of International Trade Fairs” (Presented at the Annual Meetings of the Canadian Political Science Association in Ottawa, Canada)
- March 2009 BATHELT, H.: “Localized Research in Global Context” (Presented at the Annual Meetings of the Association of American Geographers in Las Vegas, USA)
- March 2009 BATHELT, H.: “Social Capital from a Relational Perspective” (Presented at the Annual Meetings of the Association of American Geographers in Las Vegas, USA)
- March 2009 BATHELT, H./ GIBSON, R.: “Processes of Specialization and Diffusion Across Capitalist Varieties and the Role of International Trade Fairs” (Presented at the Annual Meetings of the Association of American Geographers in Las Vegas, USA)
- April 2008 BATHELT, H.: “Reflections on Agency, Institutions and Relational Economic Geography in the Work of Gordon Clark” (Presented at the Annual Meetings of the Association of American Geographers in Boston, USA)
- April 2008 BATHELT, H./ KOGLER, D./ MUNRO, A.: “Social Foundations of Regional Innovation and the Role of University Spin-offs” (Presented at the Annual Meetings of the Association of American Geographers in Boston, USA)
- April 2008 BATHELT, H./ TURI, P.: “Co-location, Face-to-face Contact and Virtual Communication: Conceptual Fallacies about the Beginning and Ending of Geography” (Presented at the Annual Meetings of the Association of American Geographers in Boston, USA)
- April 2008 SCHULDT, N./ BATHELT, H.: “Practices of Global Buzz at International Trade Fairs” (Presented at the Annual Meetings of the Association of American Geographers in Boston, USA)
- June 2007 BATHELT, H.: “Crossing Back and Forth and the In-Between” (Presented at the 2nd Global Conference on Economic Geography in Beijing, China)
- June 2007 SCHULDT, N./ BATHELT, H.: “Temporary Face-to-Face Contact and the Ecology of Global Buzz” (Presented at the 2nd Global Conference on Economic Geography in Beijing, China)
- June 2007 ZENG, G./ BATHELT, H.: “Against the New Economy? Growth of the Chemical Industry in the Larger Shanghai and Yangtze Delta Region” (Presented at the Global Conference on Economic Geography in Beijing, China)
- April 2007 BATHELT, H.: “Relational Economic Geography in Practice” (Presented at the Annual Meetings of the Association of American Geographers in San Francisco, USA)
- April 2007 SCHULDT, N./ BATHELT, H.: “Temporary Face-to-Face Contact and the Ecology of Global Buzz” (Presented at the Annual Meetings of the Association of American Geographers in San Francisco, USA)
- August 2006 BATHELT, H./ KAPPES, K.: “The Relational Economic Geography of International Mergers and Regional Failure: The Cases of the Former German

- Hoechst and French Rhône-Poulenc Groups” (Presented at the RGS/IBG Annual International Meetings in London, UK)
- June 2006 BATHELT, H./ KAPPES, K.: “The Relational Economic Geography of International Mergers and Regional Deindustrialization: The Cases of the Former German Hoechst and French Rhône-Poulenc Groups” (Presented at the 5th Proximity Dynamics Congress in Bordeaux, France)
- April 2005 BATHELT, H./ GRÄF, A.: “Internal and External Dynamics of the Munich Film and TV Industry Cluster and the International Entertainment Sector” (Presented at the Meetings of Economic Geographers, Association of German Geographers in Rauschholzhausen, F.R.G.)
- April 2005 BATHELT, H.: “Teaching Relational Economic Geography: Conceptual Issues, Methodological Consequences and the Design of Research Projects” (Presented at the Annual Meetings of the Association of American Geographers in Denver, USA)
- April 2005 BATHELT, H./ SCHULDT, N. A.: “Between Luminaries and Meat Grinders: International Trade Fairs as Temporary Clusters” (Presented at the Annual Meetings of the Association of American Geographers in Denver, USA)
- April 2005 JENTSCH, C./ BATHELT, H.: “The Organizational Paradox in Advertising and the Reconfiguration of Project Cooperation” (Presented at the Annual Meetings of the Association of American Geographers in Denver, USA)
- June 2004 MASKELL, P./ BATHELT, H./ MALMBERG, A.: “Temporary Clusters and Knowledge Creation: The Effects of International Trade Fairs, Conventions and Other Professional Gatherings” (Presented at the 4th Congress on Proximity Economics in Marseille, France)
- March 2004 MASKELL, P./ BATHELT, H./ MALMBERG, A.: “Temporary Clusters and Knowledge Creation: The Effects of International Trade Fairs, Conventions and Other Professional Gatherings” (Presented at the Annual Meetings of the Association of American Geographers in Philadelphia, USA)
- March 2004 BATHELT, H./ GLÜCKLER, J.: “Resources in Economic Geography: From Substantive Concepts Towards a Relational Perspective” (Presented at the Annual Meetings of the Association of American Geographers in Philadelphia, USA)
- October 2003 GLÜCKLER, J./ BATHELT, H.: “The Importance of Resources in Relational Economic Geography: From Substantive Concepts Towards a Relational Perspective” (Presented in the Session ‘Future Topics and Research Perspectives in Economic Geography’ - 54th Meetings of the Association of German Geographers in Bern, Switzerland)
- June 2003 BATHELT, H.: “In Good Faith? The ‘Distanced Neighbor’ Paradox: ‘Over-embedded’ and ‘Under-socialized’ Economic Relations in Leipzig’s Media Industry” (Presented at the DRUID Summer Conference in Copenhagen, Denmark)
- April 2003 BATHELT, H.: “In Good Faith? The ‘Distanced Neighbor’ Paradox: ‘Over-embedded’ and ‘Under-socialized’ Economic Relations in Leipzig’s Media Industry” (Presented at the Regional Studies Association International Conference on ‘Reinventing Regions in a Global Economy’ in Pisa, Italy)
- March 2003 DEPNER, H./ BATHELT, H.: “Exporting the German Model: The Establishment of a New Automobile Industry Cluster in Shanghai, P.R. China” (Presented at the Annual Meetings of the Association of American Geographers in New Orleans, USA)
- March 2003 BATHELT, H./ MALMBERG, A./ MASKELL, P.: “Clusters and Knowledge: Local Buzz, Global Pipelines and the Process of Knowledge Creation” (Presented at the Annual Meetings of the Association of American Geographers in New Orleans, USA)

- March 2002 BATHOLT, H./ GLÜCKLER, J.: "Towards Relational Economic Geography" (Presented at the Annual Meetings of the Association of American Geographers in Los Angeles, USA)
- December 2001 BATHOLT, H./ BOGGS, J. S.: "Is Leipzig's Creative Industries Cluster a Continuation of or a Rupture with the Past? Towards a Re-conceptualization of Regional Development Paths" (Presented at the 3rd Congress on Proximity 'New Growth and Territories' in Paris, France)
- October 2001 BATHOLT, H.: "The Birth of a Media Industry Cluster in Leipzig: New Networks and Old Structures" (Presented in the Session 'Networks and Flows' - 53rd Meetings of the Association of German Geographers in Leipzig, F.R.G.)
- July 2001 BATHOLT, H.: "Localized Clustering, Institutional Context and the Problem of Over-Embeddedness in Leipzig's Media Industry, Germany" (Presented at the Annual Residential Conference of the IGU Commission on the Dynamics of Economic Spaces 'Local Development: Issues of Competition, Collaboration and Territoriality' in Turin, Italy)
- April 2001 BATHOLT, H./ GLÜCKLER, J.: "New Perspectives in Economic Geography" (Presented at the Meetings of Economic Geographers, Association of German Geographers in Rauschholzhausen, F.R.G.)
- March 2001 BATHOLT, H.: "A New Cultural Products Industry Cluster in an Old Distrustful Environment: The Case of the Leipzig Media Industry" (Presented at the Annual Meetings of the Association of American Geographers in New York, USA)
- June 1999 BATHOLT, H.: "Regional Competence, Collective Learning and Technological Change: The Case of Boston's Route 128 Region" (Presented at the Annual Meetings of the Canadian Association of Geographers in Lethbridge, Canada)
- August 1998 BATHOLT, H.: "Integration, Flexibility and Proximity: Stability and Change in the Geography of Chemical Production" (Presented at the Annual Residential Conference of the IGU Commission on the Organization of Industrial Space 'Small and Medium Sized Enterprise in a Changing World' in Sevilla, Spain)
- March 1998 BATHOLT, H.: "Technological Change, Flexibility Processes and Proximity in the German Chemical Industry" (Presented at the Annual Meetings of the Association of American Geographers in Boston, USA)
- April 1997 BATHOLT, H.: "Proximity, Flexibility and Technological Change: A Case Study of the German Chemical Industry" (Presented at the Meetings of the Economic Geographers, Association of German Geographers in Rauschholzhausen, F.R.G.)
- October 1994 BATHOLT, H.: "The Flexibility Debate and the Division of Labor" (Presented at the Meetings of the Division 'Geography and Social Theory' - Association of German Geographers in Berlin, F.R.G.)
- May 1994 BATHOLT, H.: "Global Competition, International Trade and Regional Concentration: The Case of the German Chemical Industry During the 1980's" (Presented at the Annual Meetings of the Canadian Association of Geographers in Waterloo, Canada)
- March 1994 BATHOLT, H./ ERB, W.-D.: "Establishing an Economic Information System Within the Middle-Hessian Region" (Presented at the Meetings of the Division 'GIS - Geographical Information Systems' - Association of German Geographers in Karlsruhe, F.R.G.)
- December 1993 ERB, W.-D./ BATHOLT, H.: "Project Report: Industrial Atlas of the Middle-Hessian Region, F.R.G." (Presented at the Meetings of the Division 'GIS - Geographical Information Systems' - Association of German Geographers in Nürnberg, F.R.G.)
- October 1991 BATHOLT, H.: "Location Behavior of Key Technology Industries in the USA and in Canada" (Presented at the Meetings of Economic Geographers, Association of German Geographers in Rauschholzhausen, F.R.G.)

- September 1991 BATHELT, H./ ERB, W.-D.: “Problems in the Interpretation of Principal Components and Factors” (Presented at the Session of the Division ‘Theory and Quantitative Methods in Geography’ - 48th Meetings of the Association of German Geographers in Basel, Switzerland)
- November 1989 BATHELT, H.: “Input-Output Linkages of Key Technology Firms. An Empirical Analysis of Key Technology Regions in North America” (Presented at the 4th Meetings of the Division ‘Industrial Geography’ - Association of German Geographers in Göttingen, F.R.G.)
- November 1988 BATHELT, H.: “A Comparative Analysis of East Coast Key Technology Locations in the United States and Canada: Preliminary Results” (Presented at the 35th North American Meetings of the Regional Science Association in Toronto, Canada)
- October 1988 BATHELT, H.: “Key Technology Firm Clustering in Canada and the USA: A Comparison of their Evolution and Operation” (Presented at the Annual Meetings of the East Lakes Division - Association of American Geographers in Akron, USA)

11. INVITED LECTURES

- September 2015 BATHELT, H./ CONSERVA, N.: “Global Challenges, Localized Learning and Institutional Change in Italian Industrial Districts: The Case of Ivrea” (Presented at the Symposium ‘Knowledge and Institutions’ in Heidelberg, F.R.G.)
- June 2015 BATHELT, H./ ZHAO, J.-Y.: Lecture – “Conceptualizing Multiple Clusters in Mega-City Regions: The Case of the Biomedical Industry in Beijing” (Presented at the Jena Lecture Series at the University of Jena, F.R.G.)
- June 2015 BATHELT, H.: Seminar 1 – “Buzz, Pipelines & Knowledge-Based Clusters” and “Global Buzz & Temporary Clusters” (Presented at the Jena Lecture Series at the University of Jena, F.R.G.)
- June 2015 BATHELT, H.: Seminar 2 – “Global Buzz & Temporary Clusters” (Presented at the Jena Lecture Series at the University of Jena, F.R.G.)
- March 2015 BATHELT, H.: “Germany, Greece and the Conundrum of EU Crisis Management” (Annual Academic Lecture of the German Studies Student Union (GSSU) at the University of Toronto, Canada)
- December 2014 BATHELT, H.: “Investment-Based Pipelines in Cluster Networks: China and Canada” (Presented at the Research Group on International Business (GRAI) Seminar Series at HEC Montreal, Canada)
- July 2014 BATHELT, H.: “Development of Chinese Investment in Canada” (Presented at The Canadian Chamber of Commerce in Shanghai, China)
- July 2014 BATHELT, H.: “Investment-Based Pipelines in Cluster Networks: China and Canada” (Presented at the Department of Urban and Regional Economy Graduate Seminar at East China Normal University in Shanghai, China)
- February 2014 BATHELT, H./ LI, P.-F.: “Reevaluating FDI Linkages Between Developed and Developing Economies: From Comparative Advantage to Knowledge Orientation” (Presented at the Munk Centre for Global Affairs at the University of Toronto, Canada)
- October 2013 BATHELT, H.: “Regional Economic Growth and the Social Construction of Space” (Daxia University Lecture at East China Normal University in Shanghai, China)
- October 2013 BATHELT, H./ LI, P.-F.: “International Investments, Clusters and Innovation Networks: Canada and China” (Presented at the Pujiang Innovation Forum on “Innovation-driven Development and the Role of Enterprises” in Shanghai, China)
- July 2013 BATHELT, H.: “The Geographies of Knowledge Creation Over Distance”

- (Presented at the Leibnitz-Institut für Länderkunde and Department of Geography at the University of Leipzig, F.R.G.)
- October 2012 BATHELT, H.: “Innovation Linkages in New & Old Economy Sectors” (Presented at the Assistant Deputy Ministers Policy Committee “Business Climate and Innovation”, Government of Ontario, Canada)
- October 2012 BATHELT, H.: “Innovation Linkages in New & Old Economy Sectors” (Presented at the Policy Forum, Policy & Strategy Division, Government of Ontario, Canada)
- May 2012 BATHELT, H.: “Global Cluster Networks” (Presented at the Institute of Space and Economy, Seoul National University, Korea)
- May 2012 BATHELT, H./ HENN, S.: “The New Geographies of Knowledge Creation and Circulation Over Distance” (Keynote Speech Presented at the 7th Edition of Proximity Days on “Creativity, Innovation and Proximity” in Montreal, Canada)
- March 2012 BATHELT, H.: “Learning, Knowledge Generation and Space in the Relational Economy” (Presented in the Department of Political Science, University of Toronto, Canada)
- March 2012 BATHELT, H.: “ ‘Going Global’ – Requirements for Clusters and Cluster Policy” (5. Baden-Württemberg Cluster-Forum on “Asian Innovation – Challenges for Clusters and Networks?!” in Stuttgart, F.R.G.)
- July 2011 BATHELT, H.: “Institutions, Institutionalization and Institutional Change in Economic Geography: A Relational Perspective” (Presented in the Department of Human Geography Graduate Seminar at East China Normal University in Shanghai, China)
- February 2011 BATHELT, H.: “Local, Global and Virtual Buzz: The Importance of Face-to-Face Contact in Economic Interaction and Possibilities to Go Beyond” (Presented in the Department of Geography, University of Erlangen-Nürnberg, F.R.G.)
- February 2011 BATHELT, H.: “Local, Global and Virtual Buzz: The Importance of Face-to-Face Contact in Economic Interaction and Possibilities to Go Beyond” (Presented in the Department of Geography, University of Jena, F.R.G.)
- November 2010 BATHELT, H.: “Permanent and Temporary Clusters” (Presented in the Department of Human Geography Graduate Seminar at East China Normal University in Shanghai, China)
- November 2010 BATHELT, H.: “Challenges of Transformation: Innovation, Re-bundling and Traditional Manufacturing in Canada’s Technology Triangle” (Presented in the Department of Human Geography Graduate Seminar at East China Normal University in Shanghai, China)
- July 2010 BATHELT, H.: “Innovation and the Local, Global and Virtual Buzz Within and Between Cities” (Presented at Summer School “Management of Creativity in an Innovation Society” organized by HEC Montréal and Universitat de Barcelona in Montréal, Canada)
- October 2009 BATHELT, H.: “The Political Economy of Rupture and Restructuring: Post-Reunification Restructuring and the Rise of a “Hollow Cluster” in the Bitterfeld-Wolfen Chemical Industry” (Viessmann European Research Centre Conference on “The Evolution of Integration in Europe, 20 Years after the Fall of the Berlin Wall” in Allendorf/Eder, F.R.G.)
- October 2009 BATHELT, H./ GIBSON, R.: “Processes of Specialization and Diffusion Across Capitalist Varieties and the Role of International Trade Fairs” (Presented at the 6th Proximity Dynamics Congress in Poitiers, France)
- June 2009 BATHELT, H.: “Global Buzz, Temporary Clusters and Knowledge Creation” (Keynote Speech Presented at the Workshop on “Creative Cities” of CRÉ de Montréal and the Department of International Business at HEC Montréal,

- Canada)
- February 2009 BATHELT, H./ GRÄF, A.: “The Munich Media Cluster” (Workshop of the Project “Media Clusters: Effectiveness of Clustering Strategies and Public Support” in Stockholm, Sweden)
- November 2008 BATHELT, H.: “Regional Innovation and the Role of University Spin-offs in the Waterloo Region” (Presented at the ONRIS Meetings at the University of Toronto, Canada)
- September 2008 BATHELT, H.: “Local, Global and Virtual Buzz: The Importance of Face-to-face Contact and Possibilities to go Beyond” (Presented at the Panel on Technology Clusters, Hosted by the Network on North American Studies in Canada and the Fulbright Foundation at the University of Prince Edward Island in Charlottetown, Canada)
- July 2008 BATHELT, H.: “Co-Location, Face-to-Face Contact and Virtual Communication: The Importance of Face-to-Face Contact and Possibilities to go Beyond” (Presented at the 4th Summer Institute for Graduate Students in Economic Geography in Manchester, UK)
- July 2008 BATHELT, H.: “Globalization of Economic Geography Knowledge” (Presented at the 4th Summer Institute for Graduate Students in Economic Geography in Manchester, UK)
- June 2008 BATHELT, H.: “Knowledge Creation and the Geographies of Real, Virtual and Relational Space” (Presented at the Symposium ‘Knowledge and Economy’ in Heidelberg, Germany)
- June 2008 BATHELT, H.: “New Trends in the Organization of Economic Action in Spatial Perspective” (Presented at the Graduate Seminar in Economic Geography at East China Normal University in Shanghai, China)
- June 2008 BATHELT, H.: “Local, Global and Virtual Buzz: The Importance of Face-to-face Contact and Possibilities to go Beyond” (Keynote Speech Presented at the International Conference on “Industrial Cluster and Regional Development” in Kaifeng, Henan, China)
- May 2008 BATHELT, H./ KOGLER, D./ MUNRO, A.: “Social Foundations of Regional Innovation and the Role of University Spin-offs” (Presented at the Annual Meetings of the Innovation Systems Research Network – MCRI II in Montréal, Canada)
- December 2007 BATHELT, H.: “Local Buzz and Global Pipelines in the Munich Film and TV Industry Cluster: Structural Limitations to Future Growth” (Presented at the Visiting Speaker Series of the Department of Geography, York University in Toronto, Canada)
- March 2007 BATHELT, H.: “The Political Economy of Rupture and Restructuring: The Case of Bitterfeld and the East German Chemical Industry” (Presented at the Conference “Between Past and Future: East Germany before and after 1989” of the Joint Initiative in German and European Studies, University of Toronto in Toronto, Canada)
- July 2006 BATHELT, H./ GRÄF, A./ SCHULDT, N.: “Recruitment of Highly-skilled Employees in the Hersfeld-Rotenburg Region” (Final Presentation of a Research Project Financed by the Regional Government and the Firms Amazon Logistik, GLS Germany, K+S Kali and Siemens VDO Automotive in Bad Hersfeld, F.R.G.)
- May 2006 BATHELT, H.: “Relational Economic Geography, Globalization and the Role of Temporary Clusters” (Presented at the Research Seminar at the School of Environment and Development at the University of Manchester, UK)
- December 2005 BATHELT, H.: “Economic Action, Institutions and Policy in Relational Perspective” (Presented at the Geographical Colloquium of the University of Bremen, F.R.G.)

- May 2005 BATHELT, H./ SCHULDT, N. A.: "International Trade Fairs as Temporary Clusters: Interaction and Network Building at L+B and IFFA" (Presented at a Meeting of the Messe Frankfurt GmbH, F.R.G.)
- May 2005 BATHELT, H.: "Relational Economic Geography: Just Another Turn?" (Keynote Speech Presented at the Inaugural Nordic Geographers Meetings 'Power Over Time-Space' in Lund, Sweden)
- May 2005 JENTSCH, C./ BATHELT, H.: "The Organizational Paradox in Advertising and the Reconfiguration of Project Cooperation" (Presented at the Nordic Ph.D. Conference in Lund, Sweden)
- February 2005 BATHELT, H.: "Knowledge Creation and Innovation in Clusters: The Case of Leipzig's Media Industry" (Presented at the Department of Political Science at the University of Toronto, Canada)
- October 2004 BATHELT, H.: "Towards a Reconceptualization of Clusters" (Economic Geography Meetings of the National Science Foundation of China in Shanghai, China)
- July 2004 BATHELT, H.: "Goals and Principles of Relational Economic Geography" (Presented at the Geographical Colloquium of Ruhr-University Bochum, F.R.G.)
- October 2003 BATHELT, H.: "Communication Ecologies of the Cluster: Interaction and Innovation in Localized Contexts" (Public Lecture at the Philipps-University Marburg, F.R.G.)
- June 2003 BATHELT, H.: "Relational Economic Geography: A Research Agenda" (Presented at the Nordic Ph.D. Conference in Gothenburg, Sweden)
- November 2002 BATHELT, H.: "In Good Faith? The 'Distanced Neighbor' Phenomenon: 'Over-embedded' and 'Under-socialized' Economic Relations in Leipzig's Media Industry" (Presented at the Department of Geography, University of Leipzig, F.R.G.)
- September 2002 BATHELT, H./ MALMBERG, A./ MASKELL, P.: "Clusters and Knowledge: Local Buzz, Global Pipelines and the Process of Knowledge Creation" (Presented at the Second International Symposium on 'Knowledge and Space' in Heidelberg, F.R.G.)
- May 2002 BATHELT, H.: "Economic Relations in Spatial Perspective" (Invited Lecture at the Department of Geography, University of Zurich-Irchel, Switzerland)
- April 2002 BATHELT, H.: "Globalization, Regionalization and the Establishment of Industrial Clusters - A European Perspective" (Presented to the City of Nanning, China)
- February 2002 BATHELT, H./ BOGGS, J. S.: "Continuities, Ruptures and Re-bundling of Regional Development Paths: Leipzig's Metamorphosis" (Presented at the Conference on 'Rethinking Regional Innovation and Change: Path Dependency or Regional Breakthrough?' in Stuttgart, F.R.G.)
- June 2001 BATHELT, H.: "Local Markets, Public Sector Support and Firm Formation in Leipzig's New Media Industry" (Presented at the Faculty of Geography, Philipps-University Marburg, F.R.G.)
- June 2001 BATHELT, H.: "The Re-emergence of a Media Industry Cluster in Leipzig: The Role of Policy and Institutions" (Presented at the NORDREGIO Seminar on 'Innovation and Learning for Firm Competitiveness and Regional Growth - A Policy Challenge' in Stockholm, Sweden)
- February 2001 BATHELT, H./ SCHAMP, E. W.: "Economic Impacts of the University of Frankfurt in the Rhine-Main Region" (Presented to the Faculty of Geo Sciences/ Geography, Johann Wolfgang Goethe University Frankfurt am Main, F.R.G.)
- January 2001 BATHELT, H.: "Techno-Economic Change, Organizational Response and Spatial Restructuring: A Case Study of the German Paint Industry" (Presented at the Department of Geography, University of Waterloo in Waterloo, Canada)

- December 2000 BATHELT, H./ SCHAMP, E. W.: "Economic Impacts of the University of Frankfurt in the Rhine-Main Region" (Presented to the Senate of Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G.)
- June 2000 BATHELT, H.: "Globalization: The End of Geography?" (Presented at the Geo Sciences Day, Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G.)
- March 2000 BATHELT, H.: "Technological Trajectories, Localized Capabilities and Regional Growth in Boston's High Technology Economy" (Presented at the Department of Geography and Environmental Studies, Wilfrid Laurier University in Waterloo, Canada)
- January 2000 BATHELT, H.: "Localized Capabilities, Regional Specialization and Competitiveness" (Presented at the Geographical Colloquium of Friedrich-Schiller-University in Jena, F.R.G.)
- April 1999 BATHELT, H.: "Globalization: The End of Geography?" (Presented to the Geography Alumni Organization PROGEO '91 of the University of Utrecht in Gießen, F.R.G.)
- March 1999 BATHELT, H.: "Global Vs. National/ Regional Industrial Development Paths" (Presented at the Globalization Conference of the Bezirksregierung Münster in Nordwalde, F.R.G.)
- October 1998 BATHELT, H.: "Global Positioning and Regional Context: Theoretical and Empirical Considerations" (Presented at the Session 'Industry Structure and Labor Markets in a Global Context' - 26th German Meetings 'Geography and Education' in Regensburg, F.R.G.)
- February 1998 BATHELT, H.: "Ideas and Concepts of the New Economic Geography" (Presented at the Fraunhofer Institute for System Technology and Innovation Research ISI in Karlsruhe, F.R.G.)
- July 1997 BATHELT, H.: "Economic, Technological and Societal Change and Industrial Restructuring: The Case of the German Chemical Industry" (Presented at the Department of Geography, Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G.)
- June 1997 BATHELT, H.: "Socio-Economic Restructuring, Regional Change and the Social Division of Labour" (Presented at the Department of Geography, University of Leicester, England)
- December 1996 BATHELT, H.: "Technological Change, Flexibility Processes and Proximity in the German Chemical Industry" (Presented at the Department of Geography, Kent State University, USA)
- December 1996 BATHELT, H.: "Technological Change and Spatial Structure: Recent Developments in the German Chemical Industry" (Presented at the Department of Geography, Rheinische Friedrich-Wilhelms-University in Bonn, F.R.G.)
- November 1995 BATHELT, H.: "Concepts and Spatial Effects of Flexible Production and Flexible Labor Organization" (Presented at the Geography Colloquium and Industry Association in Gießen, F.R.G.)
- July 1995 BATHELT, H.: "The Development Towards Flexibility in the German Chemical Industry" (Presented at the Geographical Colloquium of Philipps-University Marburg, F.R.G.)
- July 1994 BATHELT, H.: "Global Competition and Technological Change in the German Chemical Industry" (Presented at the Geographical Colloquium of the Universities in Munich, F.R.G.)
- November 1993 GIESE, E./ BATHELT, H.: "Evaluation of University Ranking Studies" (Presented at the Ruprecht-Karls-University in Heidelberg, F.R.G.)
- February 1993 BATHELT, H./ ERB, W.-D.: "Applicability of a Regional Economic Information System to the Middle-Hessian Region" (Presented at the Meetings of the Middle-Hessian Industry Associations in Gießen, F.R.G.)

December 1989 BATHELT, H.: "The Evolution of Key Technology Industries in Silicon Valley" (Presentation of the U.S. Field Trip at Justus-Liebig-University in Gießen, F.R.G.)

D. LIST OF COURSES (LAST 5 YEARS)

12. A. UNDERGRADUATE COURSES TAUGHT

Economic Geography: Economic Structures and Processes in Spatial Perspective (Undergraduate Lecture and Seminar, Spring 2011)

Innovation and Governance (Undergraduate Seminar POL 408H, Fall 2011, Fall 2012, Fall 2013, Fall 2014)

Institutions and the Spatial Construction of the Political Economy (Undergraduate Lecture POL 371, Spring 2010, Spring 2012, Spring 2013, Spring 2014, Spring 2015)

Political Economy of Germany and the EU (Undergraduate Lecture POL 372, Fall 2011, Fall 2012, Fall 2014)

B. GRADUATE COURSES TAUGHT

Innovation and Governance (Graduate Seminar POL 2338H, Fall 2011, Fall 2012, Fall 2013, Fall 2014)

Statistics for Political Scientists (Graduate Course POL 2504, Spring 2010)

Special Topics: Statistical Analysis and Inference for Political Scientists (Graduate Course POL 2800, Spring 2012, Spring 2014)

Topics in International Relations: Foreign Direct Investment in the Global Knowledge Economy (Graduate Reading Course POL 2909, Spring 2013)

C. GRADUATE THESES SUPERVISED (LAST 5 YEARS)

C1. Masters Students

Anna Gascard, "Forschung und Entwicklung und Innovationssysteme: Der Fall der Pharmazeutischen Industrie in Toronto (Research and Development and Innovation Systems: The Case of the Toronto Pharmaceutical Industry)", July 2012 (secondary supervisor)

Silke Beck, "Kooperation und Imitation in räumlich agglomerierten Unternehmensnetzwerken (Cooperation and Imitation in Localized Firm Networks)", November 2011 (secondary supervisor)

C2. PhD Students

Yi-wen Zhu, "Power Relations in Temporary Cluster", since September 2015 (secondary supervision)

Nicolas Conserva, "Global Networks, Outsourcing and Open-Source Technologies: Toward a Radical Change of the Localized Political Economy of Italy?", since September 2014 (primary supervision)

Sufyan Katariwala, "University Spin-off Processes, Cluster Genesis and Regional Policy in North American Regenerative Medicine Clusters", since September 2013 (primary supervision)

Rachael Gibson, "International Trade Fairs and Global Political Economy", since January 2008 (primary supervisor)

Ben Spigel, "The Emergence of Regional Cultures and Practices: A Comparative Study of Canadian Software Entrepreneurship", May 2013 (primary supervisor)

Nina Schuldt, "Internationale Messeveranstaltungen als Brücken zwischen lokaler Produktion und globalem Wettbewerb (International Trade Fairs as Bridges Between Local Production and

Global Competition)", June 2011 (primary supervisor)

Peng-Fei Li, "Cluster Dynamics, Global Production Networks and the Aluminum Extrusion Industry in Dali, China", May 2011 (secondary supervisor)

Chen Wang (Hong Kong), "Understanding China's ICT Industry: State-firm Strategic Coordination and the Geography of Technological Innovation", September 2010 (secondary supervision)

Dieter Franz Kogler (Toronto), "The Geography of Knowledge Formation: Spatial and Sectoral Aspects of Technological Change in the Canadian Economy, 1983-2007", February 2010 (secondary supervision)

C3. Postdoctoral Fellows

Peng-Fei Li, "Global Cluster Networks and Canadian-Chinese Foreign Direct Investments", September 2013 - August 2015 (primary supervisor)

Jingyuan Zhao, "Cluster Development, Spillovers and Competition in Eastern and Western China", February 2013 - December 2014 (primary supervisor)

Sebastian Henn, "New Geographies of Knowledge Creation and Dissemination Over Distance", September 2011 - August 2012 (primary supervisor)

D. OTHER TEACHING AND LECTURES GIVEN

See section C.10. Papers Presented and C.11. Invited Lectures

E. ADMINISTRATIVE POSITIONS

13. A. POSITIONS HELD WITHIN THE UNIVERSITY

Member of the Graduate Appeals Committee at the Department of Political Science, University of Toronto, Canada (since August 2013)

Convener of the Comparative Politics Area Group at the University of Toronto (Since July 2011)

Vice-Dean of the Faculty of Geography, Philipps-University Marburg, F.R.G. (April 2005 - April 2006)

Co-Editor of the Departmental Series "MGS - Marburger Geographische Schriften" (Marburg Studies in Geography) at Philipps-University Marburg, F.R.G. (October 2002 - August 2006)

Department Head of the Institute of Economic and Social Geography, Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G. (October 1999 - September 2000)

Co-Founder and Editor of the Departmental Working Paper Series "IWSG Working Papers" at Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G. (September 1999 - October 2002).

Co-Editor of the Departmental Series "Frankfurter Wirtschafts- und Sozialgeographische Schriften" (Frankfurt Studies in Economic and Social Geography) at Johann Wolfgang Goethe-University Frankfurt am Main, F.R.G. (April 1999 - October 2002)

Involvement in the Restructuring of the Departments of Geography at the East German Universities of Jena and Erfurt, F.R.G. (November 1991 - June 1992)

Co-Editor of the Departmental Working Paper Series "Studien zur Wirtschaftsgeographie" (Studies in Economic Geography) at Justus-Liebig-University Gießen, F.R.G. (November 1990 - February 1997)

Student Advisor of Geography at Justus-Liebig-University Gießen, F.R.G. (October 1990 - September 1995)

13. B. POSITIONS HELD OUTSIDE THE UNIVERSITY

Member of the Scientific Board of the third Conference on “Geography of Innovation” in Toulouse, France (March 2015 - January 2016)

Member of the Scientific Committee of the Conference on “Local Development and Finance” in Antalya, Turkey (November 2014 - March 2015)

Member of the Advisory Board of the fourth Global Conference on Economic Geography on “Mapping Economies in Transformation” in Oxford, UK (February 2014 - August 2015)

External Advisor of the Atlantic Innovation Fund (AIO) and the Business Development Program (BDP), Atlantic Canada Opportunity Agency (ACOA), Government of Canada (since May 2013)

Member of the Scientific Committee of the Conference on “Geography of Innovation” in Utrecht, Netherlands (April 2013 - January 2014)

Member of the Scientific Committee of the Conference on “Proximity Days: Creativity, Innovation and Proximity” in Montréal, Canada (September 2011 - May 2012)

Co-Organizer of the Conference on “Asia-Pacific Trade Fair Ecologies” (July 2011 - May 2012)

Member of the Scientific Committee of the Conference on “Proximity Dynamics: A Time for Debate” in Poitiers, France (December 2008 - October 2009)

Founder and Co- Editor of the Working Paper Series “Spatial Aspects Concerning Economic Structures – SPACES online” (since September 2008)

Member of the Adjudication Committee for the International Research Chair Initiative of the Canadian Government (August 2008 - November 2008)

F. OTHER RELEVANT INFORMATION

14. STATEMENT OF RESEARCH AND TEACHING INTERESTS

My research and teaching interests lie in the areas of economic geography, economic policy, political economy and methodology. Specific areas which have been the focus of my research and teaching activities include the analysis of long-term social and economic development, the socio-economic impacts of regional and industrial change and the creation of new regional ensembles or clusters of industries. The localized consequences of regional specialization and related policy issues have been particular topics of interest in my work. Thus far, I have conducted extensive research on firms in high technology industries (such as computers and electronic components), the media sector (i.e. film and TV production, advertising and trade fairs) and other high growth industries (such as chemicals) in North America, Germany and China. A description of my past and present activities and academic interests and likely future directions, delineated in terms of four topic areas, is provided below.

14A. INNOVATION, KNOWLEDGE CREATION AND CLUSTER DEVELOPMENT

Starting with my Ph.D. research, the development of high technology regions in North America has been a major focus of interest. In earlier work, I investigated the regional concentration tendencies of high technology industries in Atlanta, Boston, the Research Triangle, Ottawa and Kitchener-Waterloo and the question as to whether North American experiences can be applied to Europe. Through this, I attempted to identify those forces which play a significant role in allowing a region to rejuvenate its industrial basis and overcome structural crises.

Since the late 1990's, I have extended my research on clusters to the media industry and cultural product industries. For instance, I have investigated those forces which supported the start-up and location processes of media firms in Leipzig, East Germany in spite of unfavorable conditions which developed prior to German unification. In another study of the growth prospects of the Munich media cluster, only sparse linkages with the broader entertainment sector and international markets were found, limiting the growth prospects of this cluster. Other

studies have analyzed the impact of the recent media industry crisis on the structure of local project networks in the Frankfurt advertising industry and the potential of international trade fairs for firms to overcome spatial boundaries by generating trans-local networks and developing 'global' markets.

A primary goal of this work has been to develop a conceptual understanding of the genesis, growth and reproduction of industry clusters as a basis for regional economic analyses and the design of regional policies. The structure of social relations between localized firms (i.e. their buzz), the role of local institutions therein and the influences of extra-local markets and linkages with external actors (i.e. pipelines) have been a particular focus of my research. This also includes analyses of existing policy programs and the development of new policy initiatives.

This work has resulted in new conceptualizations and theoretical frameworks in the field of economic geography and related disciplines, especially (i) a new relational approach to investigate economic action and interaction in spatial perspective (as detailed in book publications with Ulmer Publishers 2002 and 2012 and Oxford University Press 2011) and (ii) knowledge-based theories of industrial clustering (local buzz and global pipelines; global cluster networks).

14B. SOCIO-ECONOMIC CHANGE, INDUSTRIAL RESTRUCTURING AND GOVERNANCE SYSTEMS

I have also developed a strong interest in theory which explores the relation between long-term social and economic development and change. I became especially interested in changes within the industrial production structure during the Fordist crisis through the work of the French regulation school. This is reflected in my Post-Doctoral thesis (Habilitation) about technological change, the division of labor and spatial structures in the German chemical industry. A central issue which I have dealt with in both research and teaching is how the combined changes in international settings and in production and technology affect the social and spatial divisions of labor. For instance, I have investigated the question of how chemical firms in East and West Germany adjusted their production programs and processes to meet the changing conditions of the Fordist crisis and how this was affected by national policies. I also studied how the global financial crisis impacted innovation processes and strategies in Canada's Kitchener-Waterloo region and how the region was successful in overcoming the crisis effects based on continuous innovation in mature industries and new technology development through university spin-off processes. From this work, I have developed a conceptualization of regional re-bundling that combines micro- and macro-perspectives and provides a heuristic of how to study regional change through firm-specific restructuring processes. This was used to investigate the restructuring processes in East German chemical industry regions after Reunification.

Insights from studies on national systems of innovation and varieties of capitalism have also become influential in my work. This has shifted the focus of my analysis towards the importance of economic, political and societal institutions in industrial production, interaction patterns and their reproduction. From this, I have developed an interest in the analysis of national models of governance. In the case of the German political economy, I have investigated the basic structures behind the system of corporate governance and their evolution. I also studied from a firm perspective whether the global economy is characterized by convergence processes toward a single form of capitalism or whether divergence processes dominate that stabilize capitalist variety. From a study of interactions patterns between firms and their technological search patterns at trade shows, I concluded that firms' behavior is strongly shaped by their existing technological environment and the production and political context within which they operate. Therefore, interaction patterns and technological choices made at trade fairs do not simply lead to ubiquitification processes but support ongoing specialization, resulting in divergence rather than convergence.

14C. GLOBALIZATION AND REGIONALIZATION

Some of the processes described above are closely related to the impacts of globalization on industrial organization and their consequences on the social division of labor and on regional

growth and competitiveness. This has become a central issue in my work. As the world economy develops into a triadic structure, my research interests have come to encompass Southeast Asia, especially China.

In close collaboration with East China Normal University in Shanghai, where I hold a Zijiang Visiting Chair, I have conducted several research projects in China in recent years. From the perspective of a national system of innovation approach, I investigated how industrial firms from Europe are able to overcome cultural-institutional differences when extending their production and supplier networks to China. The identification of the socio-institutional barriers for German firms, which aim to establish local supplier relations, and the role of policy in supporting the development of clusters in China have been of particular interest in this research. I have analyzed the development of a new automobile industry cluster in Shanghai. Further, I have studied the prospects of implementing cluster policies to trigger economic growth in Nanning, a less developed region in Southern China. In another project, I have studied how several chemical industry clusters developed in the Yangtze Delta region and how their development was strongly shaped by regional/local institutional structures.

Of particular interest in my recent work has been the role of international trade shows in the globalizing knowledge economy (as detailed in books with Oxford University Press 2014 and Edward Elgar Publishers 2015). This research presents a radically innovative view on trade shows as knowledge-rich places, where firms learn through observation and interaction with other economic actors, and as enablers, rather than mere consequences, of globalization. This becomes particularly clear in the analysis of the developing trade show business in the different countries and regions of the Asia-Pacific region where interdependencies exist between economic policy, trade show development and economic growth overall. Traditionally seen as marketing tools, trade shows are conceptualized as temporary clusters that facilitate the creation and diffusion of knowledge across geographical distances. This has also led to further analyses of configurations of knowledge exchanges over distance as normal processes within the global knowledge economy.

14D. METHODOLOGICAL ISSUES

I also have a strong methodological background and interest in applied statistics. In my view, this is important because sound empirical work is the basis of scientific progress. Classes that I have taught include introductory courses in statistical methods, probability theory and statistical inference, econometric methods, multivariate statistical analysis and applications of SPSS. I have also integrated qualitative methods into the curriculum of the courses I teach.