

Curriculum Vitae

Jürgen Bitzer

Personal

Full Name	Jürgen Bitzer
Date of Birth	April 20, 1970
Family Status	Single, one son
Legal Status	German citizenship

Office Address:

Freie Universität Berlin
Department of Economics and Institute for Eastern European Studies
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Education:

2003 -	Habilitation project: Essays on Knowledge and Growth, cumulative Habilitation.
2000 - 2002	Ph.D. in Economics (summa cum laude), oral exam: 24 th September 2002, Technical University of Berlin, Thesis title: „Technological Spillovers as Determinants of Economic Growth: Theoretical Findings and Empirical Evidence“
1991 - 1995	Master’s Degree in Economics (Diplom-Volkswirt) with distinction, Johann-Wolfgang Goethe University, Frankfurt am Main

Professional Experience:

12/2003 -	Assistant Professor at the Chair of Professor Wolfram Schrettl, Free University Berlin, Department of Economics and Institute for Eastern European Studies
1996 - 11/2003	Senior researcher at DIW, Research on: Innovation systems, Technological Change, Industrial Economics, Infrastructure, Economic Growth, Transition in Eastern European countries, Computer and Software Industry

1993 - 1995 Consultant and training activity for a management consultancy for computer technology

Research Stays:

Fall 2000 Visiting Fellow to the Chair of Professor Ariel Pakes, Harvard University, Cambridge

Fall 1999 Visiting Scholar to the Chair of Professor Bronwyn H. Hall, University of California, Berkeley

May 1997 Science and Policy Research Unit (SPRU), University of Sussex

Research visits (less than two weeks):

Januar 2006 Max Planck Institute for Research on Collective Goods, Bonn

September 2005 Aarhus School of Business, Denmark

Several visits of partner institutions in Denmark, Estonia, Hungary, Lithuania and Ukraine

Language Skills:

German: native language

English: fluent in writing, reading and speaking

French: school knowledge

Publications

Refereed Journals:

Intrinsic Motivation in Open Source Software Development, (with Wolfram Schrettl and Philipp J.H. Schröder), in: *Journal of Comparative Economics*, forthcoming.

A Schumpeter-inspired Approach to the Construction of R&D Capital Stocks, (mit Andreas Stephan), in: *Applied Economics*, Vol. 39, No. 2, 2007, pp. 179-189.

What Drives Trade-related R&D Spillovers? Decomposing Knowledge-Diffusing Trade Flows, (with Ingo Geishecker), in: *Economics Letters*, Vol. 93, No. 1, 2006, pp.52-57.

Bug-Fixing and Code-Writing: The Private Provision of Open Source Software, (with Philipp J.H. Schröder), in: *Information Economics and Policy*, Vol. 17, No. 3, 2005, pp. 389-406.

Measuring Knowledge Stocks: A Process of Creative Destruction, in: *Kyklos*, Vol. 58, No. 3, 2005, pp. 379-393.

Commercial versus open source software: the role of product heterogeneity in competition, in: *Economic Systems*, Vol. 28, No. 4, 2004, pp. 369-381.

Articles in Journals and Collected Volumes:

Entwicklung von Open-Source-Software: Kostenrelevante Eigenschaften einer ungewöhnlichen Organisationsform, (with Philipp J.H. Schröder), in: B. Lutterbeck, M. Bärwolff und R. A. Gehring (Hrsg.): *Open Source Jahrbuch 2007*, forthcoming.

The Impact of Entry and Competition by Open Source Software on Innovation Activity, (with Philipp J.H. Schröder), in: J. Bitzer and P.J.H. Schröder (eds.): *The Economics of Open Source Software Development*, Elsevier, Amsterdam, 2006, pp. 1-13.

The Economics of Open Source Software Development: An Introduction. (with Philipp J.H. Schröder), in: J. Bitzer and P.J.H. Schröder (eds.): *The Economics of Open Source Software Development*, Elsevier, Amsterdam, 2006, pp. 219-246.

An Evolutionary View of Post-Socialist Restructuring: From Science and Technology Systems to Innovation systems, in: Christian von Hirschhausen and Jürgen Bitzer (eds.): *The Globalization of Industry and Innovation in Eastern Europe - From Post-Socialist Restructuring to International Competitiveness*, Edward Elgar, 2000, pp. 13-35.

Reform of Innovation Systems in Eastern Europe: Structural Change Sluggish, in: *Economic Bulletin*, Vol. 37, No. 6, DIW: Berlin, 2000, pp. 183-190.

Software: New Industries and New Enterprises in Eastern Europe, in: Christian von Hirschhausen and Jürgen Bitzer (eds.): *The Globalization of Industry and Innovation in Eastern Europe - From Post-Socialist Restructuring to International Competitiveness*, Edward Elgar, 2000, pp. 227-256.

The Eastern European Computer Industry: National Champions with a Screwdriver, in: Christian von Hirschhausen and Jürgen Bitzer (eds.): *The Globalization of Industry and Innovation in Eastern Europe - From Post-Socialist Restructuring to International Competitiveness*, Edward Elgar, 2000, pp. 257-281.

Entwicklung und Problemstand von Forschung und Entwicklung in den MOE-Staaten in den neunziger Jahren, (Development and State of Research and Development in the CEEs in the 90s) in: *IWVWW-Berichte*, Forschungsinstitut der Internationalen Wissenschaftlichen Vereinigung Weltwirtschaft und Weltpolitik (IWVWW), April 1998, No. 69, pp.16-21.

Demand-oriented S&T Policies as Alternative Strategy for Post-Socialist Countries - An Industrial Economic Analysis, in: Werner Meske, et al. (eds.): *Transforming Science and Technology Systems - the Endless Transition?*, NATO Science Series, Series 4: Science and Technology Policy - Vol. 23, Amsterdam, Berlin, Oxford and other, 1998, pp. 266-274.

Science and Technology Policy in Eastern Europe - a Demand-Oriented Approach, (with Christian von Hirschhausen) in: *DIW Quarterly Journal of Economic Research*, No. 2, 1998, pp. 139-148.

The Eastern European Shipbuilding's Cruise Towards World Markets, (with Christian von Hirschhausen) in: Christian von Hirschhausen und Jürgen Bitzer (eds.): *The Globalization of Industry and Innovation in Eastern Europe - From Post-Socialist Restructuring to International Competitiveness*, Edward Elgar, 2000, pp. 129-160.

Beschäftigungswirkungen von Innovationen: Analysen zu einem komplizierten Verhältnis, (Employment Effects of Innovation: Analysis of a Complicate Relationship) (with Frank Stille) in: Franz Lehner et al. (eds.): *Beschäftigung durch Innovation*, Rainer Hampp Verlag, München und Mehring, 1998, pp. 15-58.

Monographs:

Bitzer, Jürgen (2003): *Technologische Spillover-Effekte als Determinanten des Wirtschaftswachstums: Theoretische Erkenntnisse und empirische Evidenz*, Dissertation: Technical University Berlin, Volkswirtschaftliche Schriften No. 532, Duncker & Humblot, Berlin.

Edited Books:

Bitzer, Jürgen and Philipp J.H. Schröder (eds.) (2006): *The Economics of Open Source Software Development*, Elsevier, Amsterdam.

Hirschhausen, Christian von and Jürgen Bitzer (eds.) (2000): *The Globalization of Industry and Innovation in Eastern Europe - From Post-Socialist Restructuring to International Competitiveness*, Edward Elgar.

Book reviews:

Leszek Balcerowicz and Stanley Fischer (eds.): Living Standards and the Wealth of Nations: Successes and Failures in Real Convergence, The MIT Press, Cambridge, Massachusetts, 2006, in: *Journal of Economics*, forthcoming.

Jutta Günther: Das Zustandekommen von Technologie-Spillovers durch ausländische Direktinvestitionen - Eine empirische Untersuchung am Beispiel der ungarischen Industrie, in: Schriften des Instituts für Wirtschaftsforschung Halle, Bd. 14, Nomos Verlag: Baden Baden, 2003 (in English), in: *Economic Systems*, Vol. 28, No. 3, pp. 329-332.

Discussion Papers:

What Drives Trade-related R&D Spillovers? Decomposing Knowledge-Diffusing Trade Flows, (with Ingo Geishecker), in: *FU Discussion Paper*, No. 2005/26, Department of Economics, Free University Berlin. Published in: *Economics Letters*.

The Impact of Entry and Competition by Open Source Software on Innovation Activity, (with Philipp J.H. Schröder), in: *Working Paper Series, Department of Management and International Business, Aarhus School of Business*, No. 2005-12.

Does Foreign Direct Investment Transfer Technology Across Borders? A Re-examination, (with Monika Kerekes), in: *FU Discussion Paper*, No. 2005/7, Department of Economics, Free University Berlin.

The impact of FDI on industry performance, (with Holger Görg), in: *GEP Research Papers*, University of Nottingham, No. 2005/09, 2005.

Intrinsic Motivation in Open Source Software Development, (with Wolfram Schrettl and Philipp J.H. Schröder), in: *FU Discussion Paper*, No. 2004/19, Department of Economics, Free University Berlin. Forthcoming in: *Journal of Comparative Economics*.

Competition and innovation in a technology setting software duopoly, (with Philipp J.H. Schröder), in: *DIW Discussion Papers*, No. 363, Berlin, 2003.

A Schumpeter-inspired Approach to the Construction of R&D Capital Stocks, (with Andreas Stephan), in: *DIW Discussion Papers*, No. 300, Berlin, 2002. Forthcoming in: *Applied Economics*.

Bug-Fixing and Code-Writing: The Private Provision of Open Source Software, (with Philipp J.H. Schröder), in: *DIW Discussion Papers*, No. 296, Berlin, 2002. Published in *Information Economics and Policy*.

Erosion of Monopoly Power due to the Emergence of Linux, in: *DIW Discussion Papers*, No. 231, Berlin, 2000. Published in *Economic Systems* as 'Commercial versus open source software: the role of product heterogeneity in competition', Vol. 28, No. 4, 2004, pp. 369-381.

The Shipbuilding Industry in East and West: Industry Dynamics, Science and Technology Policies and Emerging Patterns of Co-operation, (with Christian von Hirschhausen) in: *DIW Discussion Papers*, No. 151, Berlin, 1997.

The Computer Software Industry in East and West: Do Eastern European Countries Need a Specific Science and Technology Policy?, in: *DIW Discussion Papers*, No. 149, Berlin, 1997.

The Computer Industry in East and West: Do Eastern European Countries Need a Specific Science and Technology Policy?, in: *DIW Discussion Papers*, No. 148, Berlin, 1997.

Mimeos:

Can trade hurt? A follow-up on Samuelson's controversial paper, (with Holger Görg und Philipp J.H. Schröder), mimeo, 2006.

Open Source Software, Competition, and Innovation, (with Philipp J.H. Schröder), mimeo, 2005.

Externally Funded Research Projects

EU Enlargement and Berlin: Some Strategic Aspects (trans.) (EU - Osterweiterung und Berlin: einige strategische Aspekte), financed by Investitions-Bank Berlin (IBB), finished: 2002. Budget: 140 T€.

The applicant countries' industries ability to withstand competitive pressures upon EU accession: The Information and Communication Technology Sector, financed by the European Commission, DG Enterprise, finished 2000. Budget: 50 T€.

Gesamtwirtschaftliche Effekte der KfW-Export- und Projektfinanzierung und der Finanziellen Zusammenarbeit für Deutschland, (Economic Effects of KfW Export and Project Financing and the 'Financial Cooperation' for Germany) financed by Kreditanstalt für Wiederaufbau (KfW), finished 1999. Budget: 180 T€.

Infrastructure Policies for Sustained Growth in Russia, Belarus and Ukraine - Theoretical Analysis and Policy Conclusions for Russia, Belarus and Ukraine - financed by INTAS (International Association for the promotion of cooperation with scientists from the New Independent States of the former Soviet Union, Brussels), finished 1999. Budget: 20 T€.

Industrial Restructuring and Economic Recovery in the Baltic Countries - Lithuania, Latvia, Estonia: Infrastructure Policies for Sustained Growth in the Baltic Countries - ACE-Difibalt Research Network, financed by Phare, finished 1998. Budget: 80 T€.

Restructuring and Reintegration of Science and Technology Systems of Economies in Transition, financed by TSER (Targeted Socio Economic Research) Program EU-Commission DG XII, finished 1998. Budget: 195 T€.

Selected Presentations

Can trade hurt? A follow-up on Samuelson's controversial paper, Annual Conference 2007 of the *Royal Economic Society (RES)* in Warwick, 11th – 13th April 2007, accepted for presentation.

Can trade hurt? A follow-up on Samuelson's controversial paper, 8th Annual Conference of the *European Trade Study Group (ETSG)* in Vienna, 7th – 9th September 2006.

Does Foreign Direct Investment Transfer Technology Across Borders? A Reexamination, 7th Annual Conference of the *European Trade Study Group (ETSG)* in Dublin, 8th – 10th September 2005.

The impact of FDI on industry performance, 20th Annual Congress of the *European Economic Association (EEA)* in Amsterdam, 24th - 27th August 2005.

The Economics of Intrinsic Motivation in Open Source Software, 31th Annual Conference of *European Association for Research in Industrial Economics (EARIE)* in Berlin, 2nd - 5th September 2004.

Competition and innovation in a technology setting software duopoly, 38th Annual Meeting of the *Canadian Economic Association (CEA)* in Toronto, 4th - 6th June 2004.

Competition and innovation in a technology setting software duopoly, *International Industrial Organization Conference (IIOC)* in Chicago, 23rd - 24th April 2004.

Bug-Fixing and Code-Writing: The Private Provision of Open Source Software, 30th Annual Conference of *European Association for Research in Industrial Economics (EARIE)* in Helsinki, 24th - 26th August 2003.

Measuring Knowledge Stocks: A Process of Creative Destruction, 18th Annual Congress of the *European Economic Association (EEA)* in Stockholm, 20th - 24th August 2003.

Bug-Fixing and Code-Writing: The Private Provision of Open Source Software, *International Industrial Organization Conference (IIOC)* in Boston, 4th - 5th April 2003.

Measuring Knowledge Stocks: A Process of Creative Destruction, *National Bureau of Economic Research (NBER) Productivity Seminar*, Cambridge, MA, 1st April 2003.

Erosion of Monopoly Power due to the Emergence of Linux, Annual Congress of the *Verein für Socialpolitik (VfS)* in Magdeburg, 25th - 28th September 2001.

Die digitale Ökonomie in Osteuropa, *Conference for Internet and Technology Austria (CITA)*, 11th - 14th September 2001.

Erosion of Monopoly Power due to the Emergence of Linux, Lunch Seminar on Open Source Software, *Harvard Business School*, jointly with Markus Möbius, 15th December 2000.

Erosion of Monopoly Power due to the Emergence of Linux, Research in Industrial Organization Seminar, *Harvard University*, 21st November 2000.

An evolutionary view of Post-Socialist Restructuring: From Science and Technology Systems to Innovation Systems, *SPRU Conference: Restructuring and Reintegration of S&T Systems in Central and Eastern Europe: Restructuring Patterns and Policy Experiences*, Hove, 12th - 13th March 1999.

Lectures

Economic Growth I: Introduction Freie Universität Berlin, Winter term: 2002/2003, 2003/2004, 2004/2005, 2005/2006, 2006/2007.

Economic Growth II: Endogenous Growth models, Freie Universität Berlin, Summer term: 2003, 2004, 2005, 2006.

Economic Growth III: Recent Topics in Research on Economic Growth, Freie Universität Berlin, Winter term: 2003/2004, 2004/2005, 2005/2006, 2006/2007.

Principles of Economics, Freie Universität Berlin, Summer term: 2003, 2004, 2005, 2006.

Recent Topics in International Economics, Freie Universität Berlin, Winter term: 2005/2006.

International Economics and Eastern Europe, Freie Universität Berlin, Summer term: 2006, Winter term: 2006/2007.

Grants

Travel Grant of the German Science Foundation (DFG) 2005.

Papers at Conferences

- CEA, Canadian Economic Association, Annual Meeting: 2004.
- EARIE, European Association for Research in Industrial Economics, Annual Conference: 2003, 2004.
- EEA, European Economic Association, Annual Congress: 2003, 2005.
- ETSG, European Trade Study Group, Annual Conference: 2005, 2006.
- IIOC, International Industrial Organization Conference, USA: 2003, 2004.
- Kiel Workshop on the Economics of Information and Network Industries: 2002.
- Verein für Socialpolitik – Jahrestagung (German Economic Association – Annual Meeting): 2001.

Further activities

Editorial activities

1996 - 2003

Managing Editor of DIW-Discussion papers

Member in PhD comities

2006 Aleksander Rutkowski, Aarhus School of Business, Department of Management

Referee for scientific journals

Applied Economics Quarterly, Information Sciences, Journal of Applied Social Science Studies, Regional Studies, Research Policy

Participation in committees

2005 - Head of IT-committee of the Institute for East European Studies at Free University Berlin

10/2001 - 11/2003 Head of the IT-committee of the German Institut for Economic Research (DIW)

2000 - 10/2001 Member of the IT-committee of the German Institut for Economic Research (DIW)

Memberships and Fellowships

Verein für Socialpolitik (VfS)
European Association for Research in Industrial Economics (EARIE)
European Economic Association (EEA)