Carl von Ossietzky
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Curriculum Vitae

Jürgen Bitzer

Personal

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

Office Address:

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Education:

2003 – 2008	Cumulative Habilitation in Economics, Department of Economics, Free University Berlin, public lecture 24th Oktober 2008, Venia legendi Economics.
2000 – 2002	Ph.D. in Economics (summa cum laude), oral exam: 24th 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:

10/2009 –	Full Professor of Applied Macroeconomics (tenured), Carl von Ossietzky University Oldenburg, Department of Economics
3/2007 – 9/2009	Associate Professor of Economics (tenured), University of Applied Sciences Oldenburg, Ostfriesland and Wilhelmshaven at Emden, Department of Business Studies
12/2003 – 2/2007	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

Research visits (up to four weeks):

July 2009	Aarhus School of Business, University of Aarhus, Denmark
August 2008	Aarhus School of Business, University of Aarhus, Denmark
August 2007	Aarhus School of Business, University of Aarhus, Denmark
Januar 2006	Max Planck Institute for Research on Collective Goods, Bonn
September 2005	Aarhus School of Business, Denmark
May 1997	Science and Policy Research Unit (SPRU), University of Sussex
	Several visits of partner institutions in Denmark, Estonia, Hungary, Lithuania and Ukraine

Affiliations

2007 – 2009	Visiting Professor and Privatdozent, Free University Berlin, Department of Economics and Institute for East European Studies, Germany
2007 – 2009	Visiting Professor, Aarhus School of Business, University of Aarhus, Denmark

Publications

Refereed Journals:

Foreign Aid and Subnational Development: A Grid Cell Analysis (with Erkan Gören), Oldenburg Discussion Papers in Economics, 2024. Forthcoming in: *Journal of Development Studies*.

How the Well-Being Function Varies with Age: The Importance of Income, Health, and Social Relations over the Life Cycle (with Erkan Gören und Heinz Welsch), in: *Economica*, Vol. 91, No. 363, 2024, pp. 809-836.

The Relationship Between Age and Subjective Wellbeing: Estimating Within and Between Effects Simultaneously (with Philipp Biermann and Erkan Gören), in: *Journal of the Economics of Ageing*, Vol. 21, 2022.

Absorption of Foreign Knowledge: The Impact of Immigrants on Firm Productivity (mit Erkan Gören and Sanne Kruse-Becher), in: *Industrial and Corporate Change*, Vol. 30, No.3, 2021, pp. 706-739.

Is there a wage premium for volunteer OSS engagement? - Signaling, Learning, and Noise (with Ingo Geishecker und Philipp J.H. Schröder), in: *Applied Economics*, Vol. 49, No. 14, 2017, pp. 1379–1394.

Measuring Capital Services by Energy Use: An Empirical Comparative Study (with Erkan Gören), in: *Applied Economics*, Vol. 48, No. 53, 2016, pp. 5152–5167.

Can trade really hurt? An empirical follow-up on Samuelson's controversial paper, (with Holger Görg und Philipp J.H. Schröder), in: *Economic Inquiry*, Vol. 50, No. 3, 2012, pp. 724-738.

Who Contributes Voluntarily to OSS? An investigation among German IT employees, (with Ingo Geishecker), in: *Research Policy*, Vol. 39, No. 1, 2010, pp. 165-172.

Foreign Direct Investment, Competition and Industry Performance, (with Holger Görg), in: *The World Economy*, Vol. 32, No. 2, 2009, pp. 221-233.

Does Foreign Direct Investment Transfer Technology Across Borders? New Evidence, (with Monika Kerekes), in: *Economics Letters*, Vol. 100, No. 3, 2008, pp. 355-358.

Productivity spillovers through vertical linkages - evidence from 17 OECD countries, (with Ingo Geishecker and Holger Görg), in: *Economics Letters*, Vol. 99, No. 2, 2008, pp. 328-331.

Open Source Software, Competition, and Innovation, (with Philipp J.H. Schröder), *Industry and Innovation*, Vol. 14, No. 5, 2007, pp. 461-476.

Intrinsic Motivation in Open Source Software Development, (with Wolfram Schrettl and Philipp J.H. Schröder), in: *Journal of Comparative Economics*, Vol. 35, No. 1, 2007, pp. 160-169.

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:

Good Governance oder Big Business: Spiegelt der Demokratie-Index der Weltbank vor allem geschäftliche Interessen wider? in: T. Theurl (Hrsg.): *Methodische Grundlagen der empirischen Institutionenökonomik – Konzeptionelle Fragen und Beispiele*, Schriften des Vereins für Socialpolitik, Vol. 334, 2012, S. 107-122.

Wissensspillovereffekte: Ein überblick über 50 Jahre empirische Forschung, in: T. Theurl (ed.): *Institutionelle Hintergründe und Konsequenzen von Wissen*, Schriften des Vereins für Socialpolitik, Vol. 328, 2010, S. 201-220.

Entwicklung von Open-Source-Software: Kostenrelevante Eigenschaften einer ungewöhnlichen Organisationsform, (with Philipp J.H. Schröder), in: B. Lutterbeck, M. Bärwolff and R. A. Gehring (Hrsg.): *Open Source Jahrbuch 2007: Zwischen freier Software und Gesellschaftsmodell*, pp. 185-194.

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.

The Eastern European Shipbuilding's Cruise Towards World Markets, (with Christian von Hirschhausen) in: Christian von Hischhausen 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.

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.

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*, Vol. 93, No. 1, 2008, pp. 105-107.

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, 2004, pp. 329-332.

Discussion Papers:

How the Well-Being Function Varies with Age: The Importance of Income, Health, and Social Relations over the Life Cycle (with Erkan Gören und Heinz Welsch), Oldenburg Discussion Papers in Economics, C. v. Ossietzky University Oldenburg, No. V-442-23, 2023. Published in: *Economica*.

The Relationship Between Age and Subjective Wellbeing: Estimating Within and Between Effects Simultaneously (with Philipp Biermann and Erkan Gören), Oldenburg Discussion Papers in Economics, C. v. Ossietzky University Oldenburg, No. V-421-19, 2019. Published in: *Journal of the Economics of Ageing*.

Foreign Aid and Subnational Development: A Grid Cell Analysis (with Erkan Gören), Oldenburg Discussion Papers in Economics, C. v. Ossietzky University Oldenburg, No. V-407-18, 2018. Forthcoming in: *Journal of Development Studies*.

Absorption of Foreign Knowledge: Firms' Benefits of Employing Immigrants (with Erkan Gören and Sanne Kruse-Becher), Oldenburg Discussion Papers in Economics, C. v. Ossietzky University Oldenburg, No. V-386-15, 2015. Published in: *Industrial and Corporate Change*.

Measuring Capital Services by Energy Use: An Empirical Comparative Study (with Erkan Gören), Oldenburg Discussion Papers in Economics, C. v. Ossietzky University Oldenburg, No. V-351-13, 2013. Published in: *Applied Economics*.

Is there a Wage Premium for Voluntary Open Source Software Engagement? (with Ingo Geishecker und Philipp J.H. Schröder), Oldenburg Discussion Papers in Economics, C. v. Ossietzky University Oldenburg, No. V-321-10, 2010. Published in: *Applied Economics*.

Can trade really hurt? An empirical follow-up on Samuelson's controversial paper, (mit Holger Görg und Philipp J.H. Schröder), in: *GEP Research Papers*, University of Nottingham, No. 2008/34, 2008. Published in: *Economic Inquiry*.

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 Reexamination, (with Monika Kerekes), in: *FU Discussion Paper*, No. 2005/7, Department of Economics, Free University Berlin. Published in: *Economics Letters*.

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

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. Published 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. Published 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.

Externally Funded Research Projects

EU Enlargement and Berlin: Some Strategic Aspects (trans.) (EU - Osterweiterung und Berlin: einige strategische Aspekte), financed by Investitionsbank 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€.

Further activities

Participation in committees

4/2021 – 3/2023	Member of the faculty board of the faculty II - School of Computing Science, Business Administration, Economics, and Law
4/2015 – 3/2023	Member of the department board of the Department of Business Administration, Economics, and Law
10/2021 – 5/2023	Responsible Professor for the study program M.Sc. Applied Economics and Data Science
10/2015 – 5/2023	Responsible Professor for the study program B.Sc. Sustainability Economics
3/2020 – 3/2021	Vice Dean, Director of Department of Business Administration, Economics, and Law, and speaker of the Institute of Economics
4/2015 – 2/2020	Member of the faculty board of the faculty II - School of Computing Science, Business Administration, Economics, and Law
4/2016 – 2/2020	Deputy Director of Department of Business Administration, Economics, and Law, and speaker of the Institute of Economics
4/2013 – 3/2015	Member of the commission of study affairs of the Faculty II and of the working group for study affairs of the Department of Business Administration, Economics, and Law,
4/2011 – 3/2013	Deputy dean for study affairs of the Faculty II, Head of the working group for study affairs of the Department of Business Administration, Economics, and Law, Member of the commission of study affairs of the Faculty II
1/2008 – 9/2009	Member of the commission of study affairs, Department of Business Studies, FH OOW at Emden
1/2005 - 1/2007	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)

Editorial activities

1996 - 2003	Managing Editor of DIW-Discussion papers

Supervised Dissertations

As first supervisor:

2022	Bernhard C. Dannemann
2015	Erkan Gören

As second supervisor:

2019	Anelise Rahmeier Seyffarth
2017	Emmanuel Asane-Otoo, Philipp Biermann, Akem Forkusam, Charlotte von Möllendorff, Marius Paschen, Christina Pötzsch
2013	Jan Kühling

Member in PhD committees

2009	Yu Wang, School of Economics and Management, University of Aarhus, Denmark
2006	Aleksander Rutkowski, Aarhus School of Business, Department of Management, University of Aarhus, Denmark

Referee for scientific journals

Applied Economics Quarterly, Economic Inquiry, Empirical Economics, Industry and Innovation, Information Economics and Policy, Information Sciences, Journal of Applied Social Science Studies, Journal of Development Studies, Regional Studies, Research Policy, Review of Development Economics, Review of World Economics

Memberships and Fellowships

Ausschuss für Wirtschaftssysteme und Institutionenökonomik des Verein für Socialpolitik (VfS)