

CV – PROF. DR. MICHAEL NEUGART

ADDRESS

Technische Universität Darmstadt
Department of Law and Economics
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AREAS OF INTEREST

Labor and macroeconomics
Economic policy
Political economics
Agent-based modelling

CURRENT POSITION

since 9/2011 Full professor for public economics and economic policy at
Technical University of Darmstadt, Department of Law and
Economics

APPOINTMENTS HELD

- 3/2008 – 8/2011 Associate professor of economic policy at Free University of
Bozen/Bolzano (Italy), School of Economics and Manage-
ment
- 10/2005 – 9/2006 Visiting professor („Vertretungslehrstuhl“) for Quantitative
Economic Policy at Universität Bielefeld, Department of Eco-
nomics
- 9/2004 – 2/2008 Senior research fellow, Wissenschaftszentrum Berlin für Sozial-
forschung (WZB), Abteilung Arbeitsmarktpolitik und Beschäf-
tigung; project leader of DFG-Project: „Erklärungsmodelle
für Arbeitsmarktpolitik“, on leave for visting professorship
at Universität Bielefeld from 10/2005 – 9/2006
- 7/2003 – 8/2004 „Hochschulassistent“ at Technische Universität Chemnitz, De-
partment of Economics
- 9/2002 – 6/2003 John F. Kennedy Memorial Fellow at the Center for Euro-
pean Studies, Harvard University

- 9/2000 – 6/2003 Senior research fellow, Wissenschaftszentrum Berlin für Sozialforschung (WZB), Abteilung Arbeitsmarktpolitik und Beschäftigung; project leader for „Qualifikationsbedarfsanalysen in Ländern der OECD“ (with K. Schömann), on leave from 9/2002 – 6/2003 for research stay at Harvard University
- 4/2000 – 8/2000 Post-doctoral position, Training and Mobility of Young Researchers Program of the European Commission, Universidad Carlos III, Madrid, Spain
- 10/1999 – 8/2000 Research fellow at Freie Universität Berlin, Department of Political and Social Sciences, on leave from 4/2000 – 8/2000 for research stay at Universidad Carlos III, Madrid
- 3/1996 – 9/1999 Doctoral student of Prof. Dr. Michael Bolle, Freie Universität Berlin, Department of Political and Social Sciences

EDUCATION

- 7/2006 “Habilitation” at Freie Universität Berlin, Department of Economics, Members of the commission: Prof. Irwin Collier Ph.D., Prof. Dr. Michael Bolle, Prof. Dr. Helge Berger, Prof. Dr. Kai Konrad
- 5/1999 Dr. rer. pol. with „summa cum laude” at Freie Universität Berlin, Department of Political and Social Sciences, dissertation topic: “Nonlinear labor market dynamics”, First referee: Prof. Dr. Michael Bolle; second referee: Prof. Dr. Willi Semmler
- 10/1995 Diploma in Wirtschaftsingenieurwesen (Fachrichtung Elektrotechnik) at Technische Universität Darmstadt
- 9/1993 – 4/1994 Erasmus-Student at Queen Mary and Westfield College, London, U.K
- 5/1989 Abitur at Bodensee-Gymnasium Lindau

RESEARCH STAYS ABROAD

- 3/2017 – 5/2017 University of Oxford, Visiting Fellow, Institute for New Economic Thinking (INET) at the Oxford Martin School, Complexity Economics Group
- 4/2013 Beijing Normal University, Visiting Professor, Peking, China
- 9/2002 – 7/2003 Harvard University, John F. Kennedy Memorial Fellow at the Center for European Studies
- 4/2000 – 8/2000 Universidad Carlos III, Economics Department, Post-Doctoral position, Training and Mobility of Young Researchers Program of the European Commission, Madrid, Spain

8/1998 – 12/1998 National Bureau of Economic Research (NBER), Cambridge USA, invited by Prof. R.B. Freeman.

Shorter stays: University of Uppsala, Department of Economics (2 weeks, 2011), European Commission, Directorate General Economics and Financial Affairs (Visiting Research Fellow, 2 weeks, 2007), University of Gothenburg, Department of Economics (3 weeks, 2001); University of Amsterdam, Center for Nonlinear Dynamics in Economics and Finance (1 week, 2001)

PUBLICATIONS

Articles in refereed journals

Macroeconomics with heterogeneous agent models: Fostering transparency, reproducibility and replication, *Journal of Evolutionary Economics*, forthcoming (with Herbert Dawid, Philipp Harting, and Sander van der Hoog)

Cohesion policy and inequality dynamics: insights from a heterogenous agents macroeconomic model, *Journal of Economic Behavior and Organization*, 150, 220-255, 2018 (with Herbert Dawid and Philipp Harting)

Weather and intertemporal labor supply: results from German time-use data, *LABOUR: Review of Labour Economics and Industrial Relations*, 32, 112-140, 2018 (with Jens J. Krüger)

Fiscal transfers and regional economic growth, *Review of International Economics*, 26, 651-671, 2018 (with Herbert Dawid and Philipp Harting)

Non-cooperative and cooperative policy reforms under uncertainty and spillovers, *Journal of Comparative Economics*, 46, 94-102, 2018 (with Carsten Hefeker)

Social comparisons in oligopsony, *Journal of Economic Behavior and Organization* 141, 196-209, 2017 (with Laszlo Góerke)

Policy deviations, uncertainty, and the European Court of Justice, *European Journal of Law and Economics*, 42, 547-567, 2016 (with Carsten Hefeker)

A tradable employment quota, *Labour Economics*, 36, 48-63, 2015 (with Metin Akyol and Stefan Pichler)

Fiscal transfers in a monetary union with exit option, *Review of International Economics*, 23, 489-508, 2015 (with Carsten Hefeker)

Lobbying and dismissal dispute resolution systems, *International Review of Law and Economics*, 41, 50-62, 2015 (with Laszlo Goerke)

Economic convergence: policy implications from a heterogeneous agent model, *Journal of Economic Dynamics and Control*, 44, 54-80, 2014 (with Herbert Dawid and Philipp Harting)

The influence of central bank transparency on labor market regulation, *The Manchester School*, 82, 17-31, 2014 (with Carsten Hefeker)

Sequential teamwork in competitive environments: theory and evidence from swimming data, *European Economic Review*, 63, 186-205, 2013 (with Matteo G. Richiardi)

Coalition governments and policy reform with asymmetric information, *JITE – Journal of Institutional and Theoretical Economics*, 169, 383-406, 2013 (with Carsten Helm)

Were the Hartz reforms responsible for the improved performance of the German labour market? *Economic Affairs*, 33, 34-47, 2013 (with Metin Akyol and Stefan Pichler)

Large-scale modeling of economic systems, *Complex Systems*, 22, 175-191, 2013 (with Mike Holcombe, Simon Coakley, Mariam Kiran, Shawn Chin, Chris Greenough, David Worth, Silvano Cincotti, Marco Raberto, Andrea Teglio, Christophe Deissenberg, Sander van der Hoog, Herbert Dawid, Simon Gemkow, and Philipp Harting)

Economic incentives and the timing of births: evidence from the German parental benefit reform of 2007, *Journal of Population Economics*, 26, 87-108, 2013 (with Henry Ohlsson)

Labor market integration policies and the convergence of regions: the role of skills and technology diffusion, *Journal of Evolutionary Economics*, 22, 543-562, 2012 (reprinted in: G. Buenstorf et al. (eds.), *The Two Sides of Innovation: Creation and Destruction in the Evolution of Capitalist Economies*, Springer, pp.167-186) (with Herbert Dawid, Simon Gemkow, and Philipp Harting)

Female employment and divorce: taking into account a social multiplier, *Mathematical Population Studies - An International Journal of Mathematical Demography*, 19, 63-72, 2012

How German labour courts decide: an econometric case study, *German Economic Review*, 13, 56-70, 2012 (with Helge Berger)

Labour courts, nomination bias and unemployment in Germany, *European Journal of Political Economy*, 27, 659-673, 2011 (with Helge Berger)

Referral hiring, endogenous social networks, and inequality: an agent-based analysis, *Journal of Evolutionary Economics*, 21, 703-719, 2011 (with Simon Gemkow)

Agent-based models for economic policy design, *Eastern Economic Journal*, 37, 44-50, 2011 (with Herbert Dawid)

Labor market regulation and the legal system, *International Review of Law and Economics*, 30, 218-225, 2010 (with Carsten Hefeker)

On the effects of skill upgrading in the presence of spatial labor market frictions: an agent-based analysis of spatial policy design, *JASSS - Journal of Artificial Social Science Simulation*, 12, 4, 2009 (with Herbert Dawid, Simon Gemkow, Philipp Harting)

Financial market lobbies and pension reform, *European Journal of Political Economy*, 25, 163-173, 2009 (with Achim Kemmerling)

Pensions with early retirement and without commitment, *Applied Economics Letters*, 16, 257-260, 2009

Shocks and endogenous institutions: an agent-based model of labor market performance in turbulent times, *Computational Economics*, 33, 31-46, 2009 (with Christian Martin)

The choice of insurance in the labor market, *Public Choice*, 134, 445-462, 2008

Labor market policy evaluation with ACE, *Journal of Economic Behavior and Organization*, 67, 418-430, 2008

Skills, innovation, and growth: an agent-based policy analysis, *Jahrbücher für Nationalökonomie und Statistik/Journal of Economics and Statistics*, 228, 251-275, 2008 (with Herbert Dawid, Simon Gemkow, Philip Harting, Kordian Kabus, Klaus Wersching)

The emergence of temporary work agencies, *Oxford Economic Papers*, 58, 137-156, 2006 (with Donald Storrie)

Unemployment insurance: the role of electoral systems and regional labor market, *European Journal of Political Economy*, 21, 815-829, 2005

Why German labour market reform has begun, *Economic Affairs*, 25, 11-16, 2005

Endogenous matching functions: an agent-based computational approach, *Advances in Complex Systems* 7, 187-202, 2004 (also published in: R. Leombruni and M. Richiardi (eds.), *Industry and labor dynamics, the agent-based computational economics approach*, Proceedings of the wild@ace-2003 workshop, World Scientific, New Jersey, pp. 90-106, 2004.)

Complicated dynamics in a flow model of the labor market, *Journal of Economic Behavior and Organization*, 53, 193-213, 2004

Endogenous fluctuations in the demand for education, *Journal of Evolutionary Economics* 13, 29-51, 2003 (with Jan Tuinstra)

Inflation-unemployment trade-off and regional labor market data, *Empirical Economics*, 28, 321-334, 2003 (with Uwe Hassler)

A remedy for fiscal externalities in a monetary union, *Jahrbuch für Handlungs- und Entscheidungstheorie*, 2, 91-111, 2002 (with Björn Rother)

Is there chaos on the German labour market? *Jahrbücher für Nationalökonomie/Journal of Economics and Statistics*, 218, 658-673, 1999

Books

Forecasting Labour Markets in OECD Countries - Measuring and Tackling Mismatches, (ed. with Klaus Schömann), Edward Elgar, Cheltenham, U.K., 2002 (reviewed by Frank Oskamp in *Review of World Economics* 139, 3, 2003)

Ökonomie als Grundlage politischer Entscheidungen. Essays on Growth, Labor Markets, and European Integration in Honor of Michael Bolle, (ed. with Jürgen Gabriel), Leske und Budrich, Opladen 2001

Nonlinear labor market dynamics. Springer-Verlag, Lecture Notes in Economics and Mathematical Systems, Vol. 486, 2000

Articles in edited volumes

Agent-based models of the labor market, in: *The Oxford Handbook of Computational Economics and Finance*, edited by Shu-Heng Chen, Mak Kaboudan, and Ye-Rong Du, Oxford University Press, Chapter 22, 667-687, 2018 (with M. Richiardi)

Agent-based macroeconomic modeling and policy analyses: The Eurace@Unibi Model, in: The Oxford Handbook of Computational Economics and Finance, edited by Shu-Heng Chen, Mak Kaboudan, and Ye-Rong Du, Oxford University Press, Chapter 17, 490-519, 2018 (with H. Dawid, S. Gemkow, P. Harting and S. van der Hoog)

Public Policy from the Bottom Up Using Agent-Based Modeling: The Eurace@Unibi Model, in: J. Arpe (Hrsg.), To the Man with a Hammer ..., Bertelsmann Stiftung, Gütersloh, 92-95, 2016 (with H. Dawid, P. Harting, and S. van der Hoog)

Arbeitsmarktpolitik bei endogenen Matching-Funktionen, in: G. Schmid, M. Gangl und P. Kupka (Hrsg.), Arbeitsmarktpolitik und Strukturwandel: Empirische Analysen, Beiträge zur Arbeitsmarkt- und Berufsforschung Nr. 286, 97-106, 2004

Interest groups, enlargement of the EMU, and labor market reform, in: R. Franzese, P. Mooslechner and M. Schürz (eds.), Institutional Conflicts and Complementarities. Monetary Policy and Wage Bargaining Institutions in EMU, Kluwer Academic Publishers, 147-164, 2003

Why forecast and for whom? Some introductory remarks, in: M. Neugart und K. Schömann (eds.) Forecasting Labour Markets in OECD Countries - Measuring and Tackling Mismatches, Edward Elgar, Cheltenham, U.K., 1-25, 2002 (with Klaus Schömann)

Langfristige Dynamiken auf dem IT-Arbeitsmarkt: Einschreibungen von Ingenieuren an deutschen Universitäten und Fachhochschulen, in: Hans-Jörg Bullinger (Hrsg.), Qualifizierungssoffensive, Bedarf frühzeitig erkennen - zukunftsorientiert handeln. Bielefeld, Bertelsmann, 168-173, 2002

Other publications

Arbeitslosigkeit in Europa: Persistenz und Flexibilität, in: Aus Politik und Zeitgeschichte, Bd. 14-15, 2000

Book reviews

Employment Protection Legislation, edited by Skedinger, P., 183 pp Edward Elgar Publishing, Cheltenham, 2010, Journal of Economics, 192, 185-187, 2011

Institutions and Wage Formation in the New Europe, edited by Gabriel Fagan, Francesco Paolo Mongelli and Julian Morgan. Edward Elgar, Cheltenham, UK and Northampton, MA, USA, 2003, xi + 256 pp., British Journal of Industrial Relations 43, 334-335, 2005

TEACHING

Undergraduate level: Introduction to Economics, Economic Policy, Microeconomics, Macroeconomics

Graduate level: Labor Economics, Political Economics, Public Economics, Social Policy

PhD: Agent-based Computational Economics

UNIVERSITY SERVICE

- 10/2018 - Dean for study programs, Technische Universität Darmstadt
- 1/2018 – 9/2018 Member of the doctoral standing committee, Technische Universität Darmstadt
- 9/2012 - Dean for educational programs for teachers, Technische Universität Darmstadt
- 9/2009 – 8/2011 Director for BA program “Economics, Politics, and Philosophy”, Free University of Bolzano
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RESEARCH GRANTS AND STIPENDS

- 5/2008 – 8/2011 Various competitive grants awarded by Free University of Bolzano: Uncertain labor market regulation: evidence from Germany, 8.650 Euro, May 2008; Economic incentives and the timing of births: evidence from the German parental benefit reform 2007, 7.500 Euro, September 2008; Team Production – Evidence from International Swimming Competitions, 4.200 Euro, January 2010
- 9/2006 – 9/2009 6th Framework Program of the EU: An agent-based software platform for European economic policy design with heterogeneous interacting agents: new insights from a bottom-up approach to economic modeling and simulation; responsible for workpackage: Agent-based computational models of skill dynamics and innovation (with Herbert Dawid)
- 9/2004 – 8/2007 Research project „Erklärung von Arbeitsmarktpolitiken” funded by the Deutsche Forschungsgemeinschaft (DFG), project was on hold from 10/2005 – 09/2006
- 9/2002 – 7/2003 John F. Kennedy Memorial Fellowship of the Center for European Studies, Harvard University
- 4/2000 – 8/2000 Post-doctoral stipend, Training and Mobility of Young Researchers Program of the European Commission, Universidad Carlos III, Madrid, Spanien

- 5/1997 – 5/1999 Doctoral stipend of the “Nachwuchsförderungsgesetz (Nafög) des Landes Berlin”
- 5/1999 IZA Summer School for Young Labour Economists (1 week)
- 9/1998 – 12/1998 DAAD travel stipend
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MEMBERSHIPS

- 10/2017 – 7/2018 Associate member of research group “In search of the global labour market”, Zentrum für interdisziplinäre Forschung (ZIF), Bielefeld
- 2010-2011 Member of the “Zukunftswerkstatt” of the chamber of commerce in Bozen (Italy)
- 2010-2011 EUROBS representative at Free University of Bozen
- 2008 Member of the expert committee on HRD and labor markets at the Gesellschaft für technische Zusammenarbeit (GTZ)
- 2004-2008 Member of the „Nachwuchsnetzwerk des Zentrums für interdisziplinäre Forschung (ZIF) an der Universität Bielefeld”
- Member of the „Verein für Socialpolitik”
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ORGANIZATION OF CONFERENCES

2nd GENED (German Network on New Economic Dynamics) Workshop, September 29th - 30th, 2014, Technische Universität Darmstadt

ADACE2010: Workshop on Advances in Agent-Based Computational Economics, 5th of July 2010 to 7th of July 2010 at Zentrum für interdisziplinäre Forschung (ZIF), Bielefeld University (with Herbert Dawid)

Workshop on Computational Political Economics, 5./6. Mai 2006 at the Zentrum für Interdisziplinäre Forschung (ZIF) Bielefeld (with Christian Martin)

Workshop on Skill Needs and Labour Market Dynamics, Wissenschaftszentrum Berlin für Sozialforschung (WZB), 8./9. November 2001 (with Klaus Schömann)

MEDIA

www.politikerscreen.de, Berliner Kurier, WZB-Mitteilungen, Financial Times Deutschland, RAI Bozen, mdr info, Hessischer Rundfunk, Darmstädter Echo, ntv, and others

EDITORIAL BOARD

since 7/2011 Member of the editorial board of the *European Journal of Political Economy*

REFEREEING

Journals: Advances in Complex Systems, Applied Mathematical Modeling, Applied Spatial Analysis and Policy, Canadian Public Policy, Complexity Economics, Economic Inquiry, Economics, Economics Bulletin, Economics Letters, Economics of Education Review, European Journal of Law and Economics, European Journal of Political Economy, European Union Politics, German Economic Review, Industrial and Corporate Change, International Journal of Manpower, International Journal of Microsimulation, International Labor Relations Review, International Review of Economics, International Tax and Public Finance, JITE, Labour Economics, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Journal of Economic Interaction and Coordination, Journal of Economic Policy Reform, Journal of Economic Studies, Journal of Population Economics, Journal of Public Economic Theory, Journal of International Money and Finance, Journal of Mathematical Sociology, Mind and Society, North-Holland Handbook Series, Public Choice, Review of Law and Economics, Scandinavian Journal of Economics, Small Business Economics, Structural Change and Economic Dynamics, Studies in Nonlinear Dynamics and Econometrics, TATuP

Scientific bodies: Belgian Science Policy, British Academy, 6th Framework Program of the European Union, German Israeli Foundation (GIF), FCT Portugal, Fonds zur Förderung der wissenschaftlichen Forschung (FWF) Österreich, Research Fund Cypress, Schweizerischer Nationalfonds zur Förderung wissenschaftlicher Forschung, Slovenian Research Agency, The Icelandic Centre for Research

PRESENTATIONS

Research seminars (last five years only)

ETH Zürich, Universität Regensburg, University of Oxford, University of Reading, Philipps Universität Marburg, Friedrich Alexander Universität Nürnberg, Carl von Ossietzky Universität Oldenburg, Universität Kassel, Freie Universität Berlin,

Institut für Arbeitsmarkt- und Berufsforschung, Christian Albrechts Universität Kiel, Universität Mannheim, Beijing Normal University, Zentrum für Europäische Wirtschaftsforschung Mannheim, University of Salento, Johannes Gutenberg Universität Mainz, Universität Hamburg

Conferences (last five years only)

ZIF, Bielefeld; IIPF conference, Tokio; Workshop on the Political Economy of Public Policy, Ariel University; Jahrestagung des Vereins für Socialpolitik, Wien; EALE conference, St. Gallen; Conference of the European Economic Association, Genf; Jahrestagung des Vereins für Socialpolitik, Augsburg; Artificial Economics Conference, Rome; Workshop on Applied Economic Theory, Marburg; Jahrestagung des Vereins für Socialpolitik, Münster; SOLE, EALE Conference, Montreal; Conference of the European Public Choice Society, Groningen; WINIR Conference, Rio de Janeiro; Conference of the European Public Choice Society, Cambridge; Bordeaux workshop on agent-based macroeconomics; Conference of the Society of Public Economic Theory, Lisbon; PEIO conference, Heidelberg; Jahrestagung des Vereins für Socialpolitik, Göttingen.