## **CURRICULUM VITAE**

## PROF. DR. BETTINA PETERS

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D-68163 Mannheim, Germany

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**Affiliation** Centre for European Economic Research (ZEW)

Department: Industrial Economics and International Management

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University of Luxembourg

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Bâtiment de Recherche A
162A, avenue de la Faïencerie
L-1511 Luxembourg-Limpertsberg

Mannheim Centre for Competition and Innovation (MaCCI)

D-68161 Mannheim, Germany

Personal Information

Date of birth August 7, 1971

Citizenship German
Marital status single

Education

10/2004-7/2006 Doctor of Economics, University of Würzburg, Germany

Thesis: Innovation and Firm Performance: An Empirical Investigation for German

Firms
Advisors:

Prof. Dr. Martin Kukuk, Professor for Statistics and Econometrics, Würzburg; Prof. Norbert Schulz, PhD, Professor for Industrial Organization, Würzburg.

10/1991-7/1997 Diploma in Quantitative Economics (with majors in econometrics and statistics),

University of Kiel, Germany

Thesis: Das Dividendenverhalten deutscher Kapitalgesellschaften – Eine Panel-

datenanalyse (translation: The Dividend Behaviour of German Stock Companies. A Panel Data Analysis)

#### **Work Experience**

9/2016-present Honoray Professor in Management, Centre for Research in Economics and

Management, Faculty of Law, Economics and Finance, University of Luxembourg

1/2013-present Deputy head of the Department of Industrial Economics and International Management,

Centre for European Economic Research (ZEW), Mannheim, Germany

10/2014-1/2016 Lecturer at Heidelberg University, Alfred-Weber-Institute (Department of Economics)

03/2010-present Lecturer at University of Zurich, Institute for Strategy and Business Economics

10/2007-present Lecturer at Pforzheim University, Faculty of Economics and Law

3/2008-present Senior researcher at the Centre for European Economic Research (ZEW), Mannheim,

Germany, Department of Industrial Economics and International Management

4/2000-2/2008 Research fellow at the Centre for European Economic Research (ZEW), Mannheim,

Germany, Department of Industrial Economics and International Management

8/1997-3/2000 Research and teaching assistant at the Christian-Albrechts-University, Kiel, Germany,

Chair of Microeconomics and International Trade

#### **Academic Offers**

Full professor for Quantitative Methods in Economics (W3), Pforzheim University, Germany, 2012 (declined)

#### Research Interests

Economics of innovation, in particular the

- effects of innovation on employment and productivity,
- dynamics of innovation activities
- financing of innovation
- internationalization of R&D
- innovation and competition

Applied Microeconometrics

#### **Publications**

#### **Refereed Journals**

Peters, B., M. Roberts, V.A. Vuong and H. Fryges, Estimating Dynamic R&D Demand: An Analysis of Costs and Long-Run Benefits, *RAND Journal of Economics*, forthcoming.

Peters, B., M. Roberts and V.A. Vuong, Dynamic R&D Choice and the Impact of the Firm's Financial Strength, *Economics of Innovation and New Technology*, forthcoming.

Dachs, B., M. Hud, C. Köhler and B. Peters, Innovation, Creative Destruction and Structural Change: Firm-level Evidence from European Countries, *Industry and Innovation*, forthcoming.

Rammer, C. and B. Peters (2016), Investitionsschwäche oder Strukturverschiebung der Investitionstätigkeit? Zur Rolle immaterieller Investitionen für die Wettbewerbsfähigkeit von Unternehmen, *Wirtschaftspolitische Blätter* 1/2016, 67-86.

Bartelsman, E., S. Dobbeleare and B. Peters (2015), Allocation of Human Capital and Innovation at the Frontier: Firm-level Evidence on Germany and the Netherlands,

Industrial and Corporate Change 24(5), 875-949.

Rammer, C. and B. Peters (2015), Innovation als Erfolgsfaktor der deutschen Industrie? Der Beitrag von Produkt- und Prozessinnovationen zu Beschäftigung und Exporten, *Vierteljahresheft zur Wirtschaftsforschung 1/2015*,13-35.

Dobbelaere, S., R. Luttens and B. Peters (2015), Demand Lotteries, Abandonment Options and the Decision to Start R&D and Process Innovation, *Management Revue*, 26(1), 25-51.

Harrison, R., J. Jaumandreu, J. Mairesse and B. Peters (2014), Does Innovation Stimulate Employment? A Firm-level Analysis Using Comparable Micro Data From Four European Countries, *International Journal of Industrial Organization* 35, 29-43.

Dachs, B. and B. Peters (2014), Innovation, Employment Growth, and Foreign Ownership of Firms - A European Perspective, *Research Policy* 43(1), 214–232.

Classen, N., M. Carree, A. van Gils and B. Peters (2014), Innovation in Family and Non-Family SMEs: An Explorative Analysis, *Small Business Economics* 42(3), 595-609.

Hottenrott, H. and B. Peters (2012), Innovative Capabilities and Financing Constraints for Innovation – More Money, more Innovation?, *Review of Economics and Statistics* 94(4), 1126-1142.

Peters, B. (2009), Persistence of Innovation: Stylised Facts and Panel Data Evidence, *Journal of Technology Transfer*, 34/2, 226-243.

Griffith, R., E. Huergo, J. Mairesse and B. Peters (2006), Innovation and Productivity Across Four European Countries, *Oxford Review of Economic Policy* 22 (4), 483-498.

Janz, N., H. Lööf and B. Peters (2004), Firm Level Innovation and Productivity – Is there A Common Story Across Countries?, *Problems and Perspectives in Management* 2, 184-204.

Non-Refereed Journals

Janz, N., G. Ebling, S. Gottschalk and B. Peters (2002), Die Mannheimer Innovationspanels, *Allgemeines Statistisches Archiv*, 86 (2002) 2, 189-201.

Books

Peters, B. (2008), *Innovation and Firm Performance – An Empirical Investigation for German Firms*, ZEW Economic Studies 38, Heidelberg, New York.

Rammer, C., B. Peters, T. Schmidt, B. Aschhoff, T. Doherr and H. Niggemann (2005), *Innovationen in Deutschland*, ZEW Wirtschaftsanalysen 78, Baden-Baden.

Articles in Anthologies

Peters, B. (2016), Innovation, Skills, and Job Creation, in: European Commission *Science, Research and Innovation Performance of the EU*, Brüssel, 276-318.

Crass, D., G. Licht and B. Peters (2015), Intangible Assets and Investments at the Sector Level – Empirical Evidence for Germany, in: A. Bounfour and T. Miyagawa, *Intangibles, Market Failure and Innovation Performance*, 57-111

Peters, B. and C. Rammer (2013), Innovation Panel Surveys in Germany, in: Gault, F. (ed), *Handbook of Innovation Indicators and Measurement*, Edward Elgar, Cheltenham and Northampton, 135-177.

Peters, B. and P. Westerheide (2010), Finanzierung und Finanzierungsprobleme von Familienunternehmen, in: Schröder, M. and P. Westerheide (eds), *Wirtschaftliche und gesellschaftliche Bedeutung von Familienunternehmen*, ZEW Wirtschaftsanalysen, Bd. 97, Baden-Baden, 101-131.

Peters, B. (2006), Innovationen und ihre Wirkungen auf die Beschäftigung in KMU, in: Abel, R., H. Bass and E. Ernst-Siebert (eds), *Kleine und mittelgroße Unternehmen im globalen Innovationswettbewerb*, München und Mering, 124-153.

Peters, B., C. Rammer and H. Binz (2006), Innovationsfinanzierung: Stand, Hindernisse, Perspektiven, in: KfW (Hrsg.), *Innovationen im Mittelstand*, Mittelstands-und Strukturpolitik, Bd. 37, Frankfurt am Main, 91-144.

Rammer, C., B. Aschhoff, B. Peters and T. Schmidt (2005), Innovation Activities of German Enterprises – New Results from the Annual Survey by ZEW, in: Leal Filho, W. and M. Weresa, M. (eds), *Economic and Technological Dimensions of National Innovation Systems*, Frankfurt am Main, 42-70.

Peters, B. (2003), Innovation und Beschäftigung, in: Janz, N. and G. Licht (eds): *Innovationsforschung heute - Die Mannheimer Innovationspanels*, ZEW Wirtschaftsanalysen 63, Baden-Baden, 113-148.

Janz, N., G. Ebling, S. Gottschalk, B. Peters and T. Schmidt (2003), Die Mannheimer Innovationspanels: Datenerhebung und -nutzung, in: Janz, N. and G. Licht (eds): *Innovationsforschung heute - Die Mannheimer Innovationspanels*, ZEW Wirtschaftsanalysen / Schriftenreihe des ZEW 63, Baden-Baden, 9-16.

## Working Papers (under review)

Dachs, B., Hud, M., Köhler, C. and B. Peters, *Employment Effects of Innovation over the Business Cycle – Firm-level Evidence from European Countries*, ZEW Discussion Paper No. 16-076, Mannheim (*under review*).

Köhler, C. and B. Peters (2015), Market Incentives to Innovate: Results for German Companies (*revise and resubmit*)

Gottschalk, S., B. Peters and J. Steeger (2015), A Dynamic View on Family Firms' Innovation Behavior (under review)

Crass, D. and B. Peters (2014), *Intangible Assets and Firm-Level Productivity*, ZEW Discussion Paper No. 14-120, Mannheim. (under review)

Peters, B., R. Riley, I. Siedschlag, P. Vahter and J. McQuinn (2013), *Innovation and Productivity in Services: Evidence from Germany, Ireland and the United Kingdom*, Servicegap Discussion Paper No. 42. Also published as JRC-IPTS Working Papers on Corporate R&D and Innovation 04/2014, Brüssel. (*revise and resubmit*)

Peters, B. and A. Schmiele (2010), *The Influence of International Dispersed vs. Home-based R&D on Innovation Performance*, ZEW Discussion Paper 10-102, Mannheim. (under review)

Müller, K. and B. Peters (2010), *Churning of R&D Personnel and Innovation*, ZEW Discussion Paper 10-032, Mannheim. (under review)

# Working Papers (ongoing work)

Peters, B., M. Roberts and V.A. Vuong, Firm R&D Investment and Export Market Exposure, mimeo.

Peters, B., M. Roberts and V.A. Vuong, *A Dynamic Model of Firm R&D Expenditure*, mimeo.

Pellens, M., B. Peters, C. Rammer and G. Licht (2016), *Public Investment in R&D in Reaction to Economic Crises - A Longitudinal Study for OECD Countries*, SPINTAN Working Paper Series No. 16.

Peters, B. and A. Schmiele, *Does R&D in Emerging Countries Pay Off? On the Contribution of International R&D to Firm Profitability*, mimeo.

Köhler, M. and B. Peters, Subsidized and non-subsidized R&D projects: Do they differ?, mimeo.

Licht, G. and B. Peters (2014), *Do Green Innovations Stimulate Employment - Firm-level Evidence From Germany*, WWW for Europe Working Paper 53, Mannheim.

Licht, G. and B. Peters (2013), *The Impact of Green Innovation on Employment Growth in Europe*, WWW for Europe Working Paper 50, Mannheim.

Peters, B., R. Riley, and I. Siedschlag (2013), *The Influence of Technological and Non-Technological Innovation on Employment Growth in European Service Firms*, Servicegap Discussion Paper No. 40.

Peters, B. and A. Schmiele (2011), *The Contribution of International R&D to Firm Profitability*, ZEW Discussion Paper 11-002, Mannheim.

B. Peters and P. Westerheide (2011), Short-term Borrowing for Long-term Projects: Are Family Businesses More Susceptible to "Irrational" Financing Choices?, ZEW Discussion Paper 11-011, Mannheim.

Peters, B. (2004), Employment Effects of Different Innovation Activities: Microeconometric Evidence, ZEW Discussion Paper 04-73, Mannheim.

#### **Awards**

Young Scholar Best Paper Award, DRUID Sommer Conference 2006, Copenhagen Paper: Persistence of Innovation: Stylised Facts and Panel Data Evidence

Best Paper Award, PhD Conference "Innovation, Entrepreneurship and Growth", Royal Institute of Technology (KTH), Stockholm

Paper: Employment Effects of Innovation Activities: Microeconometric Evidence

# Professional Activities

#### **Visiting Scholar**

3/2010 KU Leuven, Belgium (invited by Prof. Dirk Czarnitzki)

10/2006-12/2006 Boston University, USA (invited by Prof. Iain Cockburn)

#### **Research Stays**

2/2010

2/2016 KOF Konjunkturforschungsstelle, ETH Zurich, Switzerland (invited by PD Martin

Wörter)

9/2015 KTH Royal Institute of Technology, Stockholm (invited by Prof. Hans Lööf)

6/2014; 9/2013- Pennsylvania State University, USA (invited by Prof. Mark Roberts)

10/2013; 6/2012;

2/2012; 8/2011; Free University Amsterdam, The Netherlands (invited by Prof. Eric Bartelsman and

2/2011; 12/2010; Prof. Sabien Dobbelaere)

10/2010; 12/2009 UNU-MERIT Maastricht, The Netherlands (invited by Prof. Pierre Mohnen)

5/2009 Friedrich-Schiller-Universität Jena, Germany (invited by Prof. Uwe Cantner)

4/2014; 4/2012; KU Leuven, Belgium (invited by Prof. Dirk Czarnitzki) 3/2009; 1/2006

10/2007 Gent University, Belgium (invited by Dr. Sabien Dobbelaere)

2/2007; 3/2006; 10/2004 5/2004 CREST Paris, France (invited by Prof. Jacques Mairesse)

University of Southern Denmark, Odense, Denmark (invited by Prof. Ulrich Kaiser)

**Associate Editor** 

Information Economics and Policy

Refereeing

Industrial and Corporate Change, Empirical Economics, Research Policy, Journal of Industrial Economics, Journal of Economics and Statistics, Industry and Innovation, Technovation, The Manchester School, Small Business Economics, European Journal of Development Research, Jahrbücher für Nationalökonomie und Statistik

Conference Organization 3rd ZEW Conference on Economics of Innovation and Patenting, ZEW Mannheim, Germany, 2008 (together with G. Licht, C. Köhler and A. Schmiele)

4th ZEW Conference on Economics of Innovation and Patenting & Finale Conference COST Network STRIKE, ZEW Mannheim, Germany, 2011 (together with G. Licht, B. Aschhoff and C. Köhler)

5th ZEW and MaCCI Conference on Economics of Innovation and Patenting, ZEW Mannheim, Germany, 2013 (together with G. Licht, B. Aschhoff, M. Hud and P. Schliessler)

6th ZEW and MaCCI Conference on Economics of Innovation and Patenting, ZEW Mannheim, Germany, 2015 (together with G. Licht, V. Behrens, P. Hünermund and M. Pellens)

7th ZEW Conference on Economics of Innovation and Patenting, ZEW Mannheim, Germany, 2017 (together with G. Licht, M. Berger, F. Balandieres)

Scientific Committee

International Industrial Organization Conference IIOC: 2014-present

DRUID Summer Conference: 2007-present

ZEW/MaCCI Conference on the Economics of Innovation and Patenting: 2013, 2015

CDM 15 years after: 2013

Academy of International Business AIB: 2011, 2013, 2014

**Advisory Activities** 

Member of the international review panel of the Danish Council for Independent

Research | Social Sciences, 2016-2017

**PhD Supervision** 

Dirk Crass, Maastricht University, NL, 2014 (Co-supervisor)

PhD Committee

Pardis Navabis, KTH Royal Institute of Technology, Stockholm, SE, 2015

Teaching at Universities

2010-present *Empirical Economics of Innovation and Patenting*, lecture and seminar, master level,

University of Zurich, Switzerland

2007-present Statistics II, lecture and tutorial, undergraduate course, Pforzheim University, Germany

2014, 2015 Empirical Analysis of Panel Data, lecture and seminar, master level, University of

	Heidelberg, Germany
7/2014	Panel Data Methods, lecture including tutorial, Jena Summer Academy on "Innovation and Uncertainty", PhD level, Jena, Germany
2011, 2012	Applied Econometrics: An Application to Panel Data, lecture including tutorial, PhD course, University of Passau, Germany
12/2010	Applied Econometrics: An Application to Panel Data, lecture including tutorial, PhD course, Ludwig-Maximilians-University Munich, Germany
1/2008; 1/2007	Panel Data Econometrics, part of PhD course "Econometrics III", Center for Doctoral Studies in Economics (CDSE) of the University of Mannheim, Germany
1997-2000	Introduction to Economics, tutorial, undergraduate level, Christian-Albrechts-University, Kiel, Germany
1997-2000	Introduction to Microeconomics, tutorial, undergraduate level, Christian-Albrechts-University, Kiel, Germany
<b>Guest Lectures</b>	
7/2011	Measurement of Innovation, Jena Summer Academy on "Innovation and Uncertainty", Jena, Germany.
5/2015; 5/2014; 5/2013; 5/2012; 5/2011	Estimating Dynamic Linear and Non-Linear Panel Data Models, Competition and Innovation Summer School CISS, Marmaris, Turkey.
5/2011	The Effects of Globalizing R&D: An Empirical Analysis for German Firms, International PhD Workshop on "Innovation and Territory", Varese, Italy.
8/2010	Estimating Private and Social Rates of Return on R&D and Innovation – An Overview, Sino-European Co-Reach Summer School, Suzhou, China.
7/2010	Cost-Benefit Approach to Public Support of Private R&D Activity, DIMETIC Doctoral European Summer School, Pecs, Hungary.
5/2010	Community Innovation Surveys and the Analysis of Survey Data, Competition and Innovation Summer School CISS 2010, Marmaris, Turkey.
8/2009	Modelling Innovation Using CIS Cross-Country Data, JERS 2009 Summer Academy on "Innovation and Uncertainty", Jena, Germany
8/2009	Innovation and Productivity I: Estimating Private Returns to R&D and Innovation, JERS 2009 Summer Academy on "Innovation and Uncertainty", Jena, Germany
8/2009	Innovation and Productivity II: Estimating the Social Rate of Return, JERS 2009 Summer Academy on "Innovation and Uncertainty", Jena, Germany
8/2009	Innovation and Employment, JERS 2009 Summer Academy on "Innovation and Uncertainty", Jena, Germany
9/2008	Estimating the Effects of Spillovers, European Summer School on Industrial Dynamics (ESSID), Monte S'Angelo, Italy
9/2007	Advanced Methods: Dynamic Panel Data Models – Theory and Application, KUL/ZEW Summer School, Valencia, Spain
	Limited Dependent Variables: Random and Fixed Effects Models for Probit, Logit and Tobit, KUL/ZEW Summer School, Valencia, Spain
9/2006	Survey Data Analysis, European Summer School on Industrial Dynamics (ESSID), Institut d'Etudes Scientifique de Cargèse, Cargèse, Corsica

Curriculum Vitae: Bettina Peters

# Other Teaching Experience

2004-present

2004-present

One-day internal training seminars in panel data econometrics, ZEW, Germany One-day expert seminars in panel data econometrics, ZEW, Mannheim, Germany

#### **Presentations**

**Keynote Speech** 

Churning of R&D Personnel and Innovation, 15. Uddevalla Symposion 2012, Faro, Portugal, June 14-16, 2012

#### Academic Conferences and Workshops

The Role of Firm Exports on Investment in R&D

- International Industrial Organization Conference (IIOC), Boston, April 24-26, 2015
- DRUID Summer Conference, Rome, June 15-17, 2015

Employment Effects of Innovation Over the Business Cycle

- MEIDE, Moscow, June 17, 2016
- IIOC, Philadelphia, April 16, 2016
- Annual Conference of the European Association for Research in Industrial Economics (EARIE), Munich, August 28-30, 2015
- German Economic Association, Münster, September 6-9, 2015

A Dynamic View on Family Firms' Innovation Behavior

- EARIE, Lisbon, August 28, 2016
- DRUID, Copenhagen, June 14, 2016

Subsidized and Non-Subsidized R&D Projects: Do They Differ?

European Policy for Intellectual Property (EPIP), Oxford, September 4, 2016

Do Green Innovations Stimulate Employment - Firm-level Evidence From Germany

- 6<sup>th</sup> ZEW Conference on Innovation and Patenting, Mannheim, July 2-3, 2015
- EARIE, Milan, September 29-31, 2014

The Impact of Environmental Innovation on Employment Growth in Europe

- 4<sup>th</sup> AIEAA Conference on Innovation, productivity and growth: towards sustainable agri-food production, Ancona, June 11-12, 2015
- 54<sup>th</sup> ERSA Congress, St. Petersburg, August 26-29, 2014

Estimating Dynamic R&D Demand: An Analysis of Costs and Long-Run Benefits

- MaCCI Annual Conference 2014, Mannheim, March 15, 2014
- Copenhagen Conference on Innovation and Entrepreneurship, Copenhagen, January 18, 2014
- Workshop on Intangible Investments, Innovation and Productivity, Valencia, November 14-15, 2013

Innovation, Employment Growth and Foreign Ownership

- IIOC, Washington, March 16-18, 2012
- EARIE, Stockholm, September 3, 2011

Allocation of Human Capital and Innovation at the Frontier: Firm-level Evidence on Germany and the Netherlands

- CDM 15 years after, London, December 6-7, 2013
- 2. SEEK Conference, Mannheim, March 10-11, 2012

The Influence of Technological and Non-Technological Innovation on Employment Growth in European Service Firms

- 2nd SIMPATIC Annual Conference, April 4, 2014
- Reaping the Benefits of Globalisation: Opportunities and Challenges for Europe and Ireland, Dublin, March 5, 2013
- Servicegap Final Conference, Brussels, January 29, 2013
- Servicegap Conference, Mannheim, November 5, 2012

Intangible Assets and Productivity (former title: Do Intangibles Enhance Productivity Growth? Microeconometric Evidence from Germany)

- EARIE, Evora, September 1, 2013
- e-Frame "European Framework for Measuring Progress" Workshop on Intangible Assets, ZEW Mannheim, May 2, 2013
- Workshop Intangibles, Tokyo, December 18, 2012

The Impact of Green Innovation on Employment Growth in Europe

 Workshop: Innovation, Industrial and Innovation Policy as Drivers of Chance, Mannheim, March 15, 2013

Does R&D in Emerging Countries Pay Off? On the Contribution of International R&D to Firm Profitability

■ EARIE, Rome, September 2, 2012

The Influence of International Dispersed vs. Home-based R&D on Innovation Performance

- Comparative Analysis of Enterprise Data Conference (CEAD), London, September 24, 2010
- EARIE, Istanbul, September 3, 2010
- ASIGO Conference, Nuremberg, May 29, 2009
- INIR-Workshop "The Global Lab", November 18, 2008

More Money – More Innovation? Innovation Capacity and Financing Constraints for Innovation?

- IIOC, Vancouver, May 15, 2010
- EARIE, Llubljana, September 4, 2009

Churning of R&D Personnel and Innovation

DRUID Summer Conference, Copenhagen, June 17, 2010

Starting an R&D Project Under Uncertainty

- German Economic Association, Magdeburg, September 10, 2009
- Conference of the European Economic Association (EEA), Barcelona, August 24, 2009
- International J. A. Schumpeter Society Conference (ISS), Rio de Janeiro, July 2-5, 2008

Short-term borrowing for long-term projects: Are family businesses more susceptible to "irrational" financing choices?

- EARIE, Llubljana, September 4, 2009
- Conference "Entrepreneurship and Growth of Family Firms", University of Cracow, June 4-5, 2009

Product and Process Innovation Outcome and Firm Performance: Microeconometric Evidence

- Knowledge for Growth: European Strategies in the Global Economy, Toulouse, July 7-9, 2008
- International Atlantic Economic Conference, Warsaw, April 9-13, 2008

Nothing's Gonna Stop Innovators Now? An Empirical Investigation on the 'Success breeds Success' Hypothesis

- International Panel Data Conference, Bonn, July 5, 2009
- Workshop "Explaining Productivity Growth in Europe, America and Asia" of the Anglo-German Foundation, March 23, 2007
- IIOC, Savannah, April 13-14, 2007
- DRUID Summer Conference, Copenhagen, June 18-20, 2007
- European Meeting of the Econometric Society (ESEM), Budapest, August 27-31, 2007
- EARIE, Valencia, September 6-9, 2007
- ESF/COST Workshop "Science and Technology Research in a Knowledge based Economy", KU Leuven, October 18-20, 2007
- AGF CSGE Research Conference, Berlin, November 30, 2007

Persistence in Innovation Activities? Stylised Facts and Panel Data Evidence

- Global Conference on Business and Economics (GCBE), Harvard University, Boston, October 15-17, 2006
- German Economic Association, Bayreuth, October 26-29, 2006
- Econometric Society European Meetings (ESEM), Vienna, August 24-28, 2006
- International J. A. Schumpeter Society Conference (ISS), Nice Sophia-Antipolis, June 21-24, 2006
- DRUID Summer Conference, Copenhagen, June 18-20, 2006
- Spring Meeting of Young Economists (SMYE), Sevilla, May 26-28, 2006.
- IIOC, Boston, April 7-9, 2006
- Conference of the Applied Econometrics Association (AEA) on Innovations and Intellectual Property Values, Paris, October 20-21, 2005
- ZEW Conference on the Economics of Innovation and Patenting, Mannheim, September 19-20, 2005

Employment Effects of Different Innovation Activities: New Microeconometric Evidence

- German Economic Association, Bonn, September 27-30, 2005
- European Economic Association (EEA), Amsterdam, August 24-27, 2005
- Conference on Industrial Organization and Innovation, Grenoble, June 21-22, 2005
- Spring Meeting of Young Economists (SMYE), Geneva, April 22-24, 2005
- Conference "Innovation, Entrepreneurship and Growth", Royal Institute of Technology (KTH), Stockholm, November 18-20, 2004
- EARIE, Berlin, September 2-5, 2004

The Relationship between Product and Process Innovations and Firm Performance: Microeconometric Evidence

- EARIE, Porto, September 1-4, 2005
- IIOC, Atlanta/Georgia, April 8-9, 2005

- Schumpeter Conference, Milano, June 9-12, 2004
- Spring Meeting of Young Economists (SMYE), Warsaw, April 23-25, 2004
- European Summer School on Industrial Dynamics (ESSID), Cargèse, August 31
   September 6, 2003

Does Innovation Stimulate Employment? A Firm-level Analysis Using Comparable Micro Data on Four European Countries

- EC2 Conference "Econometrics of Industrial Organization", Marseille, December 16-18, 2004
- Meeting "Innovation and Employment in European Firms", Universidad Carlos III de Madrid, Madrid, June 24-26, 2004

Firm Level Innovation and Productivity: Is there a Common Story Across Countries?

- German Economic Association, Dresden, September 28-October 1, 2004
- Comparative Analysis of Enterprise Data Conference (CEAD), London, September 15-16, 2003
- EARIE, Helsinki, August 24-26, 2003
- Innovation Workshop "Complementarities and Endogeneities", MERIT, Maastricht, April 8, 2003
- ZEW Conference "Empirical Economics of Innovation and Patenting", Mannheim, March 14-15, 2003

Panel Study of the Dividend Policy of German Companies

- International Conference on Panel Data, Geneva, Switzerland, June 22-23, 2000
- Workshop of the German Statistical Association on "Microeconometrics", Blaubeuren, March 9-10, 2001

#### **Invited Seminars**

Estimating Dynamic R&D Demand: An Analysis of Costs and Long-Run Benefits

- KOF/ETH Zurich, February 24, 2016
- University of Würzburg, January 20, 2015
- Ifo Munich, November 13, 2014
- University of Heidelberg, April 23, 2014
- Universitat Autonoma de Barcelona, December 18, 2013
- University of Turin, November 27, 2013

Allocation of Human Capital and Innovation at the Frontier: Firm-level Evidence on Germany and the Netherlands

Pennsylvania State University, October 14, 2013

Does Innovation Foster Employment? An International Comparison

Erich Schneider Seminar, Kiel, February 13, 2012

Churning of R&D Personnel and Innovation

KU Leuven, March 24, 2010

Starting an R&D Project Under Uncertainty

- IO-Seminar, DIW, January 21, 2010
- IMT Lucca, November 23, 2009
- Imperial College London, January 20, 2009
- Jena Economic Research Seminar, May 20, 2009

More Money – More Innovation? Innovation Capacity and Financing Constraints for Innovation

University of Zurich, March 17, 2009

Nothing's Gonna Stop Innovators Now? An Empirical Investigation on the 'Success breeds Success' Hypothesis

NBER productivity lunch seminar, Boston, April 10, 2007

Persistence in Innovation Activities? Stylised Facts and Panel Data Evidence

- Rutgers University, New Bruinswick, USA, November 3, 2006
- SOOS/MSI Seminar KU Leuven, Leuven, January 24, 2006

Employment Effects of Different Innovation Activities: New Microeconometric Evidence

- Centre for European Business Research (CEBR), Copenhagen, May 13, 2004
- University of Southern Denmark, Odense, May 12, 2004

### Contract Research Projects

Mannheim Innovation Panel: Innovation Activities of German Enterprises German Federal Ministry of Education and Research (BMBF), 2000-present

Investigating the Impact of the Innovation Union

European Commission, DG Research and Innovation, 2015-2017 (H2020)

Innovation Union Competitiveness Report 2015 - Expert for chapter on Skills, Innovation and Employment

European Commission, DG Research and Innovation, 2015

R&D Tax Incentives – Study on Design Options and Impacts Expert Commission for Research an Innovation (EFI), 2016

Innovative SMEs 2025 – Challenges, Trends and Recommended Actions for the Business Sector and Economic Policy

Federal Ministry for Economic Affairs and Energy, 2015-2016

The Role of Small and Medium-sized Enterprises (SMEs) for Research and Innovation in Germany

Expert Commission for Research an Innovation (EFI), 2015-2016

Long-Run Benefits of Firms' Investment in Innovation and Human Capital – A Structural Model Approach

SEEK, 2013-2014 (research grant)

Welfare, Wealth and Work for Europe

European Commission, DG Research, 2012-2016

European Competitiveness Report 2014: Study on Firm Growth, Innovation and the Business Cycle

European Commission, DG Enterprise, 2013-2014

Does the German government distribute direct R&D subsidies efficiently? SEEK, 2012-2013 (research grant)

Future Infrastructures for Meeting Energy Demands. Towards Sustainability and Social Compatibility

Pakt für Forschung und Innovation von Bund und Ländern, 2011-2016 (research grant)

Interaction Between Innovation and Firm Dynamics and its Impact on Industry

Structure and Economic Growth SEEK, 2010-2012 (research grant)

Economic Evaluation of Public Investment in R&D and Innovation German Expert Commission on Research and Innovation (EFI), 2011

Employment, Innovation and Welfare: A Comparative Study of Europe and China (CO-Reach)

German Federal Ministry of Education and Research (BMBF), 2009-2011

The impact of service sector innovation and internationalisation on growth and productivity (SERVICEGAP)

European Commission, DG Research, 2010-2013

Competitiveness, Innovation and Intangible Investment in Europe (COINVEST) European Commission, DG Research, 2008-2010

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November 21, 2016

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