

Prof. Dr. Christian von Hirschhausen

CV and List of Publications

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Last Update: 05/2017

1 Itinerary

1.1 Personal information

* 1964, married, 3 children

1.2 Current Position

Professor of Economic and Infrastructure Policy (with tenure), Berlin University of Technology

Research Director, DIW Berlin (German Institute for Economic Research)

1.3 Education

2002 Habilitation (venia legendi) in Economics, TU Berlin University of Technology
1995 PhD, Doctor in Industrial Economics, Ecole des Mines de Paris (France)
1989 Diplom-Ingenieur (Industrial Engineering), TU Berlin University of Technology
1988 M.A. (Economics), University of Colorado at Boulder (U.S.)
2004-2009 Chair of Energy Economics and Public Sector Management, Dresden University of Technology
2002-2004 Visiting Professor, TU Berlin University of Technology, Workgroup for Infrastructure Policy
1997-2004 Research Associate, DIW Berlin (German Institute for Economic Research)
1995-2001 Member of the German Group of Advisors to the Government of Ukraine
1990-1995 Research Associate and Consultant, CERNA Centre for Industrial Economics, Paris School of Mines
1988 Research Assistant, University of Colorado at Boulder
1987 Intern, United Nations Department of Technical Co-operation for Development
Contract work for private industry, European Commission, World Bank, European Investment Bank, Kreditanstalt für Wiederaufbau, et al.

1.4 Languages

German, English, French (fluid in spoken and written)

Spanish and Russian (basic notions)

1.5 Research Fields / Specialization

- Applied Industrial Economics
- Infrastructure and Network Economics
- Environmental and Public Economics
- Public Sector Management
- European Integration Policy

Sectoral experience: energy (regulation and industry structure, electricity, natural gas, oil, coal renewable), transport (railways, highways, airports), heavy industry (mining, steel, non-ferrous metals), mechanical engineering, electronics, wood and furniture, telecommunication

1.6 Policy Consulting / Memberships

Research Associate, MIT Center for Environmental and Energy Research (Massachusetts Institute of Technology, CEEPR) (since 2006)

Associate Researcher of the Electricity Policy Research Group, University of Cambridge (EPRG) (since 2008)

General Secretary of the German-French Group of Economic Advisors (2003-2006)

European Association of Environmental and Resource Economists (EARE), American Economic Association (AEA), European Economic Association (EEA), International Association for Energy Economics (IAEE), Gesellschaft für Energiewirtschaft und Energiepolitik (GEE), European Economic Association, Verein für Socialpolitik (Ausschuss für Wirtschaftspolitik), International Society for Institutional Economics (ISNIE), Verein der Wirtschaftsingenieure (VWI)

2 Publications

2.1 Scientific Articles in Refereed Journals

2017

Increasing Block Tariffs in the Water Sector: An Interpretation in Terms of Social Preferences. *B.E. Journal of Economic Analysis & Policy*, forthcoming. (with Meran, G.)

2016

Sustainable Infrastructure Development and Cross-Border Coordination, Special Issue of *The Energy Journal*, 38 (2017), Editor (with Claudia Kemfert)

2015

The COALMOD-World Model: Coal Markets until 2030, in: *The Global Coal Market : Supplying the Major Fuel for Emerging Economies*. Cambridge: Cambridge Univ. Press, p. S 411–472. (with Holz, F. / Haftendorn, C. / Mendelevitch, R.).

Natural Gas: An Overview of a Lower-Carbon Transformation Fuel. *Review of Economic and Environmental Policy (REEP)* 9 (2015), Iss. 1, p. 64–84. (with Anne Neumann)

2014

The German "Energiewende": An Introduction. *Economics of Energy and Environmental Policy (EEEP)*, Vol. 3, No. 2, pp. 1-12

2013

Development Scenarios for the North and Baltic Seas Grid – A Welfare Economic Analysis. *Utilities Policy*, Vol. 27, pp. 123–134 (with Jonas Egerer and Friedrich Kunz).

The Infrastructure Implications of the Energy Transformation in Europe until 2050: Lessons from the EMF28 Modeling Exercise. *Climate Change Economics*, Vol. 4, No. 1 (with Franziska Holz).

Renewable Electric Energy Integration: Quantifying the Value of Design of Markets for International Transmission Capacity. *Energy Economics*, Vol. 40, pp. 760-772 (with Karsten Neuhoff, Julian Barquin, Janusz Bialek, Rodney Boyd, Chris Dent, Francisco Echavarren, Thilo Grau, Benjamin F. Hobbs, Friedrich Kunz, Christian Nabe, Georgios Papaefthymiou, Christoph Weber, Hannes Weigt).

2012

- The End of Cheap Coal? A Techno-Economic Analysis until 2030 Using the COALMOD-World Model. *Fuel*, Vol. 102, pp. 305-325 (with Clemens Haftendorn and Franziska Holz).
- How a “Low Carbon” Innovation Can Fail - Tales from a “Lost Decade” for Carbon Capture, Transport, and Sequestration (CCTS). *Economics of Energy and Environmental Policy (EEEP)*, Vol. 1, No. 2 (with Johannes Herold and Pao-Yu Oei).
- The Globalization of Steam Coal Markets and the Role of Logistics: An Empirical Analysis. *Energy Economics*, Vol. 42, No. 1, pp. 105-116 (with Aleksandar Zaklan, Astrid Cullmann and Anne Neumann).
- A Large-Scale Spatial Optimization Model of the European Electricity Market. *Networks and Spatial Economics*, Vol. 12, No. 1, pp. 75–107 (with Florian Leuthold and Hannes Weigt).

2011 and previous

- The World Gas Market in 2030: Development Scenarios Using the World Gas Model. *International Journal of Global Energy Issues*, Vol. 35, No. 1, pp. 64-84 (with Daniel Huppmann, Ruud Egging, Franziska Holz, and Sophia Rüster)
- A Nonparametric Efficiency Analysis of German Public Transport Companies, *Transportation Research Part E* 46, Vol. 3, pp. 436-445 (with Astrid Cullmann).
- Access Pricing and Network Expansion in Natural Gas Markets. *Zeitschrift für Energiewirtschaft*, Vol. 34, No. 3, pp. 179-183 (with Georg Meran and Anne Neumann).
- A Large-Scale Spatial Optimization Model of the European Electricity Market. *Networks and Spatial Economics* (with Florian Leuthold and Hannes Weigt).
- “Take the Long Way Down”: Integration of Large-scale North Sea Wind using HVDC Transmission. *Energy Policy*, Vol. 38, No. 7, pp. 3164-3173 (with Hannes Weigt, Till Jeske, and Florian Leuthold).
- Quo Vadis Efficiency Analysis of Water Distribution? A Comparative Literature Review. *Utilities Policy*, Vol.17, No. 3-4, pp. 225-232 (with Matthias Walter, Astrid Cullmann, Robert Wand, and Michael Zschille).
- A Modified Yardstick Competition Mechanism. *Journal of Regulatory Economics*, Vol. 35, No. 3, pp. 223-245 (with Georg Meran).
- Divestitures in the Electricity Sector: Conceptual Issues and Lessons from International Experiences. *The Electricity Journal*, Vol. 22, No. 3, pp. 57-69 (with Hannes Weigt and Anne Neumann).
- Representing Gaspec with the World Gas Model. *The Energy Journal*, Special Issue „World Natural Gas Markets And Trade: A Multi-Modeling Perspective“, pp. 97-117 (with Ruud Egging, Franziska Holz, and Steven A. Gabriel).
- Perspectives of the European Natural Gas Market Until 2025. *The Energy Journal*, Special Issue „World Natural Gas Markets And Trade: A Multi-Modeling Perspective“, pp. 137-150 (with Franziska Holz and Claudia Kemfert).
- First Evidence of Asymmetric Cost Pass-through of EU Emissions Allowances: Examining Wholesale Electricity Prices in Germany. *Economics Letters*, Vol. 99, Issue 3, pp. 465-469 (with Georg Zachmann).
- Price Formation and Market Power in the German Wholesale Electricity Market in 2006. *Energy Policy*, Vol. 36, No. 11, pp. 4227-4234 (with Hannes Weigt).

- Infrastructure Investment, Regulation, and Security of Supply. *Utilities Policy*, Vol. 16. No. 1, pp. 1-10.
- Efficient Pricing for European Electricity Networks – The Theory of Nodal Pricing Applied to Feeding-in Wind in Germany. *Utilities Policy*, Vol. 16, No.4, pp. 284-291 (with Florian Leuthold and Hannes Weigt).
- Long-Term Contracts and Asset Specificity Revisited: An Empirical Analysis of Producer-Importer Relations in the Natural Gas Industry. *Review of Industrial Organization*, Vol. 32, No. 2, pp. 131-142 (with Anne Neumann).
- Efficiency Analysis of East European Electricity Distribution in Transition – Legacy of the Past? *The Journal of Productivity Analysis*, Vol. 29, No. 2, pp. 155-167 (with Astrid Cullmann)
- From Transition to Competition - Dynamic Efficiency Analysis of Polish Electricity Distribution Companies. *Economics of Transition*, Vol. 16, No. 2, pp. 335-357 (with Astrid Cullmann).
- A Strategic Model of European Gas Supply (GASMOD). *Energy Economics*, Vol. 30, No. 3, pp 766-788 (with Franziska Holz and Claudia Kemfert).
- Productivity Analysis of Electricity Distribution Utilities in Germany. *Applied Economics*, Vol. 38, No. 21, 2553-2566 (with Astrid Cullmann and Andreas Kappeler).
- Convergence of European Spot Market Prices for Natural Gas? A Real-Time Analysis of Market Integration using the Kalman Filter. *Applied Economics Letters*, Vol. 13, No. 11, 727-732 (with Anne Neumann and Boriss Siliverstovs).
- International Market Integration for Natural Gas? A Cointegration Analysis of Gas Prices in Europe, North America and Japan. *Energy Economics*, Vol. 27, No. 4 (2005), 603-615 (with Boriss Siliverstovs, Anne Neumann, Guillaume l'Hégaret).
- Public-Private Partnerships in New EU Member Countries of Central and Eastern Europe: An Economic Analysis with Case Studies from the Highway sector; in: *EIB Papers*, Volume 10, No. 2, S. 82-112.
- International Market Integration for Natural Gas? A Cointegration Analysis of Gas Prices in Europe, North America and Japan (2005). *Energy Economics* (with Boriss Siliverstovs, Guillaume l'Hégaret, Anne Neumann).
- Options for Transporting Russian Gas to Western Europe - A Simulation Analysis (2005). *The Energy Journal*, Vol. 26, No.2 (with Berit Meinhart and Ferdinand Pavel).
- Less Long Term Gas to Europe? A Quantitative Analysis of European Long Term Gas-Supply Contracts (2004). *Zeitschrift für Energiewirtschaft*, Vol. 28, No.3, 175-182 (with Anne Neumann).
- Efficient Infrastructure Supply for Economic Development in Transition Countries – The Case of Ukraine. *Post-Communist Economies*, Vol. 14, No. 2, 149-167 (2002), (with Boris Dodonov, Petra Opitz, and Pavlo Sugolov).
- The End of “Transition” – An Institutional Interpretation of Energy Sector Reform in Eastern Europe and the CIS. *MOCT-MOST Economic Policy in Transitional Economies*, Vol. 11, No. 3 (2001), 93-110, (with Thomas Waelde).
- Industrial Restructuring in Ukraine Seven Years After Independence: From Socialism to a Planning Economy? *Communist Economies and Economic Transformation*, Vol. 10, No. 4, 451-465, (December 1998).
- Industrial Restructuring in the Baltic States - Large-Scale Privatization, New Enterprise Networks, and Growing Diversity of Corporate Governance. *Communist Economies and Economic Transformation*, 1995, Vol. 7, No. 4, 421-443, (with Wan-Sze Hui).

The Metal Mining Industry in Eastern Europe - The Difficult Reconversion and Impacts on the World Markets. Natural Resources Forum; Vol. 16, No. 4, November 1992, (co-author: O. Bomsel).

Aggregate Demand for Energy and Dynamics of Energy Demand Elasticities in non-oil Developing Countries. The Journal of Energy and Development; Vol. 14, No. 2, Spring 1989, 237-252, (with A. Pourgerami).

Substitution Possibilities among Production Inputs: Some Estimates and Policy Implications from Manufacturing Industries in India, Pakistan, and Bangladesh. Applied Economics, Fall 1991, Vol. 23, No. 1, 209-118, (with A. Pourgerami and R.F. McNown).

2.2 Refereeing

- Editorial Board: Energy and Environmental Economics and Policy (EEEP)
- The Energy Journal
- Energy Economics
- Energy Policy
- Journal of Transportation Economics and Policy (JTEP)
- Utilities Policy
- Review of Industrial Organization
- Schmollers Jahrbuch – Journal of Applied Social Science Studies
- National Science Foundation (NSF, USA)
- Co-editor of the “DIW Berlin Quarterly Journal of Economic Research“ („DIW-Vierteljahreshefte zur Wirtschaftsforschung“) (1997-2001)

2.3 Books, Edited Volumes

European Natural Gas Infrastructure: The Role of Gazprom in European Natural Gas Supplies; Study Commissioned by The Greens/European Free Alliance in the European Parliament. 2014 DIW Berlin, Berlin. (with Holz, F. / Engerer, H. / Kemfert, C. / Richter, P.M.).

Electricity Sector Data for Policy-Relevant Modeling: Data Documentation and Applications to the German and European Electricity Markets. 2014 DIW Berlin, Berlin. (with Egerer, J. / Gerbaulet, C. / Ihlenburg, R. / Kunz, F. / Reinhard, B. / Weber, A. / Weibezahn, J).

A Lower Carbon Strategy for the Electricity Sector of Kazakhstan to 2030/50: Scenarios for Generation and Network Development ; Technical Report. DIW Berlin, Berlin. (with Egerer, J. / Mendeleevitch, R.). Long-Term Contracts in the Natural Gas Industry - Literature Survey and Data on 426 Contracts (1965-2014). 2015 DIW Berlin Data Documentation, Berlin. (with Anne Neumann and Sophia Ruester).

Security of Energy Supply in Europe: Natural Gas, Nuclear and Hydrogen. Edward Elgar, Cheltenham, UK and Northampton, MA, USA 2010, (co-editors: Francois Lévêque, Jean-Michel Glachant, Julián Barquín, Franziska Holz and William J. Nuttall).

Recent Trends in the Privatization and the Regulation of Network Industries; Guest Editor of a Special Issue of “Competition and Regulation in Network Industries”, Vol. 1 (2006), No. 2 (with Gert Brunekreeft and Carl-Friedrich Elmer).

Regulation and Long-Term Investment in Infrastructure Provision – Theory and Policy. Guest Editor of a Special Issue of Utilities Policy (with Thorsten Beckers), 2004.

Trends in Infrastructure Regulation and Financing International Experience and Case Studies from Germany. Edward Elgar, Cheltenham, UK and Northampton, MA, USA 2004, (co-editors: Thorsten Beckers, and Kay Mitusch).

Modernizing Infrastructure in Transformation Economies – Paving the Way to European Enlargement. Edward Elgar, Cheltenham, UK and Northampton, MA, USA 2002.

The Globalization of Industry and Innovation in Eastern Europe - From Post-socialist Restructuring to International Competitiveness. Edward Elgar, Cheltenham, UK and Northampton, MA, USA 2000, (co-editor: Jürgen Bitzer).

New Neighbours in the East - Economic and Industrial Reform in the Baltic Countries. Paris; Presses de l'Ecole des Mines, 1997, (ed.).

Du combinat socialiste à l'entreprise capitaliste - Une analyse de la nature du combinat socialiste et des restructurations industrielles post-socialistes en Europe de l'Est. Paris; l'Harmattan, 1996, (based on Doctoral Dissertation at the Ecole des Mines de Paris; CERNA; 1994).

Energy Demand in Developing Countries: An Analysis of Aggregate Energy Demand and Substitutability between Energy and other Inputs in the Manufacturing Sector. Master's Thesis, University of Colorado, Boulder, 1988.

3 Teaching

Current	TU Berlin, DIW Graduate Center, MBA Energy Management (TU Berlin)
2004-2009	TU Dresden
1999-2009	TU Berlin
1993-1994	Ecole des Mines de Paris
1987-1988	University of Colorado at Boulder

3.1 Lectures

- Microeconomics
- Introduction to Macroeconomics
- Infrastructure Theory and Policy
- Transport Economics
- Infrastructure Management
- Introduction to Regulation
- Regulation: Theory and Policy
- Energy Economics
- Energy and Resource Management
- Industrial Economic Analysis of Energy Markets
- Economics of the Energy Transformation („Energiewende“)
- Efficiency Analysis
- Aspects économiques des réformes en Europe de l'Est

3.2 Seminars, study projects with graduate students, Doctoral Programs

Extensive list upon request

3.3 Supervisor and/or Referee of Doctoral Theses

- 2017 Dr. rer. oec. Alexander Weber (TU Berlin)
Eine institutionenökonomische Analyse der Bedarfsplanung der Stromübertragungsnetze unter Berücksichtigung der Interdependenzen zur Erzeugungsplanung
- Dr. rer. oec. Casimir Lorenz (TU Berlin)
Balancing Reserve Provision in a Decarbonized Electricity Sector – A Model-based Analysis of Upcoming-Challenges and Opportunities
- Dr. rer. oec. Clemens Gerbaulet (TU Berlin)
Electricity Sector Decarbonization in Germany and Europe – A Model-based Analysis of Operation and Infrastructure Investments
- Dr. rer. oec. Love Erik Edquist (TU Berlin)
Organisationsmodelle im öffentlichen und privaten Hochbau – Eine institutionenökonomische Analyse
- 2016 Dr. rer. oec. Roman Mendelevitch (TU Berlin)
Coal Markets and Carbon Capture – Model Development and Climate Policy Applications
- Dr. rer. oec. Hendrik Blome (TU Berlin)
Logistische Optionen für eine nachhaltige Versorgung von Subsahara-Afrika – Ein Beitrag zur humanitären Logistik
- Dr. rer. oec. Anselm Schultes (TU Berlin)
At the Frontiers of Integrated Assessment of Climate Change: Distribution, Technology policy, and Land
- Dr. rer. oec. Jonas Hildebrandt (TU Berlin)
Bereitstellung von Ladeinfrastruktur für Elektrofahrzeuge unter Berücksichtigung idealtypischer Ladebedarfe – Eine institutionenökonomische Analyse
- Dr. rer. oec. Alexander Zerrahn (TU Berlin)
Essays in Electricity Economics – Empirical, Numerical and Theoretical Perspectives on Renewable Energy and Cross-Border Integration
- Dr. rer. oec. Jonas Egerer (TU Berlin)
Low Carbon Transformation of the German and European Electricity Systems - Modelling Market Implications and Infrastructure Investments

- Dr. rer. oec. Francisco José Bahamonde Birke (TU Berlin)
Modeling with the Unobserved/Unobservable – An in-depth analysis of modeling issues concerning the role of attitudes and perceptions in the decision making process
- Dr. rer. pol. Alexander Zipp (Universität des Saarlandes)
Die Marktfähigkeit von fluktuierenden erneuerbaren Energien im liberalisierten Stromsektor
- 2015 Dr. rer. oec. Florian Gizzi (TU Berlin)
Implementierung komplexer Systemgüter – Ein methodischer Ansatz für ökonomische Untersuchungen und seine Anwendung auf Verkehrstelematiksysteme für die Straße
- Dr. rer. oec. Carl-Friedrich Elmer (TU Berlin)
Modeling with the Unobserved/Unobservable – An in-depth analysis of modeling issues concerning the role of attitudes and perceptions in the decision making process
- Dr. rer. oec. Pao-Yu Oei (TU Berlin)
Decarbonizing the European Electricity Sector Modelling and Policy Analysis for Electricity and CO₂ Infrastructure Networks
- Dr. rer. oec. Felix Wagemann (TU Berlin)
Wirtschaftlichkeitsuntersuchungen bei PPP-Vorhaben in Deutschland
- Dr. rer. pol. Ekatarina Orlova (HU Berlin)
“Three Essays on Gas Market Liberalization”
- 2014 Dr. rer. oec. Justus Reinke (TU Berlin)
Bereitstellung öffentlicher Ladeinfrastruktur für Elektrofahrzeuge – Eine institutionenökonomische Analyse
- Dr. rer. oec. Daniel Huppmann (TU Berlin)
Strategic Behaviour in Energy Markets – Advances in Complementarity and Multi-Stage Equilibrium Modelling
- Dr. rer. oec. Michael Zschille (TU Berlin)
Firm Performance and Industry Structure: Nonparametric Efficiency Analysis in the Water Sector
- Dr. rer. oec. Herrn Robert Pietzcker (TU Berlin)
Achieving stringent climate targets: An analysis of the role of transport and variable renewable energies using energy-economy-climate models
- 2013 Dr. rer. oec. Andreas Schröder (TU Berlin)
Modeling Infrastructure Investments in Electricity Markets

Dr. rer. pol. Sven Heitzler (Heinrich-Heine-Universität Düsseldorf)
Liberalization and Regulation of Postal Services and Markets

Dr. rer. oec. Felix Groba (TU Berlin)
Renewable Energies' Dissemination and International Trade – An Empirical
Assessment of Policy, Markets, and Innovation

2012 Dr. rer. oec. Maria Nieswand (TU Berlin)
Efficiency Analysis in Public Service Provision

Dr. rer. oec. Aleksandar Zaklan (TU Berlin)
Econometric Analysis of Carbon Resource Markets

Dr. Stefan Lochner (Universität zu Köln)
The Economics of Natural Gas Infrastructure Investments – Theory and Model Based
Analysis for Europe“

Dr. rer. oec. Clément Haftendorn (TU Berlin)
Economics of the Global Steam Coal Market – Modeling Trade, Competition and
Climate Policies

Dr. Jennifer Rebecca Schwarz (TU Berlin)
Humanitäre Logistik für die Versorgungsproblematik in Subsahara-Afrika – Aufbau
von Logistikkapazität durch Wissenstransfer

Dr. Martin Keßler (TU Berlin)
Gestaltung von Logistiknetzwerken für die humanitäre Versorgung in
Entwicklungsländern Afrikas

Dr. rer. pol. Martin Nowack (TU Dresden)
Possibilities of scenario planning for sanitation organizations facing demographic
change

2011 Dr. rer. oec. Jan-Peter Klatt (TU Berlin)
Eine institutionenökonomische Analyse von Finanzierungslösungen für die
Bundesfernstraßen

Dr. rer. oec. Wolf-Peter Schill (TU Berlin)
Modeling Market Failures and Regulation in the Changing German Power Market

Dr. rer. pol. Petra Zloczysti (FU Berlin)
Technology and Innovation – Patent Based Evidence

Dr. rer. oec. Frauke Braun (TU Berlin)
Technological Chance and Energy- An Empirical Assessment of Innovation and
Adoption

- Dr. rer. oec. Florian Frank (TU Berlin)
Auswirkungen von Schwankungen in Kraftwerksverfügbarkeiten auf die Preisbildung von Strom-Forwards – Eine theoretische und empirische Analyse“
- Dr. rer. Oec. Frauke Gabriele Braun (TU Berlin)
Technological Change and Energy – An Empirical Assessment of Innovation and Adoption
- 2010 Dr. rer. pol. Jan Abrell (TU Dresden)
Transport under Emission Trading: A Computable General Equilibrium Assessment
- Dr. rer. pol. Sophia Rüster (TU Dresden)
Vertical Structures in the Global Liquefied Natural Gas Market: Empirical Analyses Based on Recent Developments in Transaction Cost Economics
- Dr. rer. pol. Matthias Walter (TU Dresden)
Efficiency and Competition in Public Transport
- Dr. rer. pol. Florian Leuthold (TU Dresden)
Economic Engineering Modeling of Liberalized Electricity Markets: Approaches, Algorithms, and Applications in a European Context
- Dr. rer. oec. Jirka Gehrt (TU Berlin)
Flexibilität in langfristigen Verträgen – Eine ökonomische Analyse des vertraglichen Nachverhandlungsdesigns bei PPP-Projekten
- Dr. rer. oec. Jens Schmidt-Ehmcke (TU Berlin)
Technology, Firm Performance and Market Structure
- Dr. rer. oec. Robert Marschinski (TU Berlin)
Climate Change Policy in a Second-Best World
- 2009 Dr. rer. pol. Borge Hess (TU Dresden)
Efficiency and Restructuring in Regulated Energy Networks: Evidence from Germany and the US
- Dr. rer. Lars Schernikau (TU Berlin)
The Renaissance & the Economics of Steam Coal
- Dr. rer. pol. Georg Zachmann (TU Dresden)
Empirical Evidence for Inefficiencies in European Electricity - Market Power and Barriers to Cross-Border Trade?
- Dr. rer. oec. Martin Winter (TU Berlin):
Essays in Road Pricing – Modeling, Evaluation and Case Studies

Dr. rer. pol. Hannes Weigt (TU Dresden)
Modeling Competition and Investment in Liberalized Electricity Markets

Dr. rer. oec. Astrid Cullmann (TU Berlin)
Parametric and Nonparametric Efficiency Analysis in Electricity Distribution - A European Perspective

Dr. rer. oec. Franziska Holz (TU Berlin)
Modeling the European Natural Gas Market – Static and Dynamic Perspectives of an Oligopolistic Market

2008 Dr. rer. pol. Till Jeske (TU Dresden)
Technical-Economic Analysis of Wind

Dr. rer. pol. Heike Wetzel (Leupharna Universität Lüneburg)
Essays on Efficiency in European Railways

Dr. rer. oec. Johannes Fuhr (TU Berlin)
The Institutional Arrangements between Airlines, Airports, and Handling Companies – A Transaction Cost Assessment

2007 Dr. rer. pol. Anne Neumann (TU Dresden)
Reforms of International Markets for Natural Gas

Dr. rer. Oec. Claudia Eich (TU Berlin)
Verpackungsentsorgung in Deutschland – Alternative wirtschaftspolitische Instrumente im Vergleich

Dr. rer. Oec. Achim I. Czerny (TU Berlin)
Regulating Air Transport Markets

3.4 Continuous education

- MBA program “Energy Management” (since, 2016)
- Doctoral program “Infratrain” and “Enertrain” (yearly, since 2004)
- European Energy Institute (EEI): Advanced Training Programme (2008-2011)
- Master of European Regulation of Network Industries (MERNI), Center for European Integration Studies (ZEI) at the University of Bonn (2008-10)
- Berlin Summer School on Infrastructure Regulation & Financing and Berlin Summer School on Private Participation in Infrastructure (PPI); one-week continuous education, organized for and carried out with the German Development Cooperation (GTZ) and the World Bank (2001-2004)