

8th Conference on Applied Infrastructure Research (INFRADAY)

“Innovation in Network Industries – Markets and Regulation, Pull and Push”

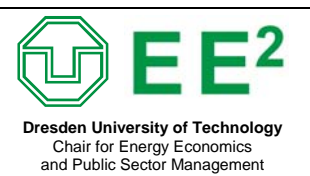
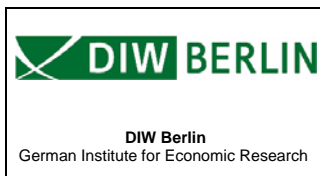
Berlin, 9-10 October, 2009

TU Berlin (Straße des 17. Juni 136)

Final Program

Friday, 09 October, 2009 (Gebäude MA (Mathematik) / Building MA (Mathematics), Straße des 17. Juni 136)			
13.00 h	Registration, Coffee & Tea		
14.00 h	<u>Opening Address (Room MA 004)</u> Johann Köppel (Vize President, TU Berlin) Georg Meran (TU Berlin, DIW Berlin), Christian von Hirschhausen (TU Dresden, TU Berlin)		
14.15 h	<u>Keynote Speech (Room MA 004)</u> Hermann Scheer (Member of the German Parliament, EUROSOLAR, WCRE): Priority for Renewables in Land Use and Infrastructure Planning Chair: Meran (TU Berlin, DIW Berlin)		
15.00 h	Award of the 7th Hans-Jürgen-Ewers-Prize		
15.30 h	Coffee & Tea		
16.00 h	Panel Discussions on Topical Issues in European Infrastructure Policy		
	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <u>Infrastructure Policies in Germany after the Elections (Room MA 141)</u> Chair: Hirschhausen (TU Dresden, TU Berlin) Hofreiter (Green Parliamentary Group) Weyand (BDEW – German Federal Association for Energy and Water) Rolle (BDI – Federation of German Industries) Rogowski (Vattenfall Europe Transmission) Mitsch (University Karlsruhe) </td> <td style="width: 50%; vertical-align: top;"> <u>The Future of Electromobility: Nexus between Sustainable Mobility and Integration of Renewables (Room MA 144)</u> Chair: Elmer (TU Berlin) Erdmann (TU Berlin) Kley (Fraunhofer ISI, Karlsruhe) Bünnagel (BMU – Federal Ministry for the Environment) Eckhardt (Dornier Consulting) Hampel (Vattenfall, tbc) N.N. (VDA – German Association of the Automotive Industry) </td> </tr> </table>	<u>Infrastructure Policies in Germany after the Elections (Room MA 141)</u> Chair: Hirschhausen (TU Dresden, TU Berlin) Hofreiter (Green Parliamentary Group) Weyand (BDEW – German Federal Association for Energy and Water) Rolle (BDI – Federation of German Industries) Rogowski (Vattenfall Europe Transmission) Mitsch (University Karlsruhe)	<u>The Future of Electromobility: Nexus between Sustainable Mobility and Integration of Renewables (Room MA 144)</u> Chair: Elmer (TU Berlin) Erdmann (TU Berlin) Kley (Fraunhofer ISI, Karlsruhe) Bünnagel (BMU – Federal Ministry for the Environment) Eckhardt (Dornier Consulting) Hampel (Vattenfall, tbc) N.N. (VDA – German Association of the Automotive Industry)
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18.00 h	<u>Keynote Speech (Room MA 004)</u> Juan Rosellon (CIDE, Mexico) Mechanisms for the Optimal Expansion of Infrastructure Transmission Networks (Chair: Mitsch, University of Karlsruhe)		
18.45 h	Reception		
19.30 h	Buffet Dinner		
21.00 h	Join us for informal talks and a beer at “Café Hardenberg” (Hardenbergstr. 10, 10623 Berlin)		

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Final Program

Saturday, 10 October, 2009 (Gebäude MA (Mathematik) / Building MA (Mathematics), Straße des 17. Juni 136)							
8.00 h Registration, Coffee & Tea							
9.00 h <u>Keynote Speech (Room MA 004)</u> Karsten Neuhoff (DIW Berlin): Facilitating a Shift to Low-Carbon Investment – Structuring Public Support to Address Private Sector Needs (Chair: Beckers, TU Berlin)							
9.45 h	Regulation I (Room MA 041) Chair: Heimeshoff Dijk / Petropoulos / Willems (CentER & TILEC, Tilburg University): <i>Generation Investment and Access Regulation in the Electricity Market: a Real Option Approach</i> Knaus (E-Control; University of Vienna): <i>Reforming Utilities: The Empirics of Performance, Ownership and Liberalisation</i> Nikogosian / Veith (ZEW): <i>Strategic Pricing and Competition in Retail Electricity Markets</i> Heimeshoff / Haucap / Jovanovic (University Erlangen-Nuremberg): <i>Competition in Germany's Minute Reserve Power Market: An Econometric Analysis</i>	Innovation: Carbon Capture and Storage (Room MA 042) Chair: Herold Mann / Perner / Riechmann (Frontier Economics): <i>Carbon Capture & Storage - Supporting by Sticks or Carrots?</i> Herold / Abrell / Leuthold (TU Dresden): <i>Modeling the Diffusion of Carbon Capture and Storage and Emission Control and Learning Effects</i> Roehrl / Toth (IAEA): <i>A Critical Comparison of Geological Storage of Carbon Dioxide and Nuclear Waste in Germany: Status, Issues, and Policy Implications</i>	Productivity (Room MA 043) Chair: Burger Bjørndal / Bjørndal (NHH) / Camanho / Miguéis (University Porto): <i>Weight Restrictions in the DEA Benchmarking Model for Norwegian Electricity Distribution Companies</i> Burger (Frontier Economics): <i>Can We Measure Welfare?</i> Thakur (MANIT-Bhopal, India): <i>Productivity and Efficiency Analysis of the Indian State Electricity Boards</i> Welde (Norwegian Public Roads Administration) / Odeck (Norwegian University of Science and Technology): <i>The Efficiency of Norwegian Road Toll Companies</i> Nieswand / Cullmann / Neumann (DIW Berlin): <i>PCA-DEA, A Productivity Analysis of North American Natural Gas Pipelines</i>	Renewables I: Generation (Room MA 141) Chair: Traber Wand (TU Dresden): <i>Feed-in Tariffs for Photovoltaics: Learning by Doing in Germany</i> Wittlich / Pethig (University Siegen): <i>Interaction of carbon reduction and green energy promotion in a small fossil-fuel importing economy</i> Traber (DIW Berlin): <i>Refunding ETS Proceeds to Spur the Diffusion of Renewable Energies? An Analysis Based on the Dynamic Oligopolistic Electricity Market Model EMELIE</i> Holtermann (ESMT) / Weinmann (Berlin School of Economics and Law): <i>Innovation in Liberalized Electricity Markets: A Comparison of Regulatory Incentives in California and Germany</i>	Organizational Models (Room MA 144) Chair: Rammerstorfer Staropoli / Yvrande-Billon (University Paris I) / Chong (University Paris XI): <i>Auction versus Negotiation in Public Procurement: Looking Forward New Empirical Evidence</i> Walter / Augustin (TU Dresden): <i>Success Conditions in Competitive Tendering: First Empirical Evidence from Germany's Local Bus Transport</i> Rammerstorfer (Vienna University of Economics and Business): <i>Constrained Divestiture and Ownership Unbundling</i>		
11.30 h Coffee & Tea, Refreshments, Snacks							
11.45 h	Regulation II (Room MA 041) Chair: Tanner Anaya (University of Cambridge): <i>The Restructuring and Privatisation of the Peruvian Electricity Distribution Companies: A Social Cost-Benefit Analysis</i> Abrate (University of Piemonte Orientale) / Benintendi (FEEM): <i>Measuring the Potential Value of Demand Response Using Historical Market Data</i> Tanner (TU Berlin): <i>Experimental Results from Slot Auctioning</i>	Innovation and Standardization (Room MA 042) Chair: Weinmann Clougherty (WZB-Berlin) / Grajek (European School of Management and Technology): <i>International Standards and International Trade: Empirical Evidence from ISO 9000 Diffusion</i> Weinmann (Berlin School of Economics and Law) / Burger (ESMT): <i>Data Envelopment Analysis of Innovation among European Electricity Incumbents</i> Hooper (University of East Anglia): <i>Inter and Intra Firm Diffusion of Process Technologies: Wind Turbine Generators</i>	Investment (Room MA 043) Chair: Leuthold Czerny / Hoeffler (WHU) / Mun (Kyoto University): <i>Port Competition and Hinterland Capacity Investments</i> Bitsch / Kaserer / Kasper (TU Munich): <i>Listed infrastructure funds – an empirical review in the light of the financial crisis 2007-2008</i> Buehler (University of St. Gallen) / Wey (University of Zurich): <i>Public and Private Infrastructure Investment in Mixed Duopoly</i> Leuthold / Auerswald (TU Dresden): <i>A Real Options Approach to Electricities Investment in Germany</i>	Renewables II: Integration & Innovation (Room MA 141) Chair: Ropenus Egerer / Bückers / Leuthold / von Hirschhausen (TU Dresden): <i>The Engineering-Economics of DESERTEC - European Electricity Transmission in 2050</i> Ropenus / Schröder / Jacobsen (Technical University of Denmark): <i>Network Regulation and Support Schemes - How Policy Interactions Affect the Integration of Distributed Generation</i> Braun / Schmidt-Ehmcke / Zloczynski (DIW Berlin): <i>Innovative Activity in Renewable Energy Technologies: Empirical Evidence on Knowledge Spillovers Using Patent Data</i>	Airports (Room MA 144) Chair: Zhang Bilotkach / Pai (University of California, Irvine): <i>Hubs versus Airport Dominance</i> Matsumoto (Kobe University) / de Wit (University of Amsterdam) / Veldhuis / Lieshout (SEO Economic Research): <i>Measuring Transfer Passenger Shares at Hub Airports: An Application to Passengers Departing from Japan</i> Zhang (Univ. of British Columbia) / Basso (Univ. de Chile): <i>Pricing vs. Slot Policies When Airport Profits Matter</i>		
13.15 h Lunch ("Reception Hall")							
14.15 h Keynote Speech: Anming Zhang (University of British Columbia, Vancouver, Canada)							
15.00 h	Electricity I	Internet & Telecommunication I	GARS Air I	Transport I	Gas	Water I	
16.45 h Coffee & Tea, Refreshments, Snacks							
17.00 h	Electricity II	Internet & Telecommunication II	GARS Air II	Transport II	Hydropower	Water II	

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World Conference
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 DIW Berlin German Institute for Economic Research	 Berlin University of Technology Workgroup for Infrastructure Policy (WIP)	 University Karlsruhe Institute for Economic Policy Research at (IWW)	 Dresden University of Technology Chair for Energy Economics and Public Sector Management
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Final Program (afternoon)

Saturday, 10 October, 2009 (Gebäude MA (Mathematik) / Building MA (Mathematics), Straße des 17. Juni 136)						
14.15 h	Keynote Speech (Room MA 004) Anming Zhang (University of British Columbia, Vancouver, Canada): Long Term Issue in Air Transport Economics: Investment, Regulation (Chair: Walter, TU Dresden)					
15.00 h	Electricity I (Room MA 041) Chair: Schwark Schaeffler / Schober / Weber (University Essen): <i>Hidden Discrimination in Quality Regulation: Risk Premium Variation Due to Size and Age Distribution of Electricity Networks – Theory and Evidence based Monte Carlo Study</i> Kunz (TU Dresden): <i>Security Constrained Dispatch and Transmission Switching</i> van der Veen / Abbasy / Hakvoort (Delft University of Technology): <i>Alternative Multinational Balancing Market Designs for Europe</i> Schwark (EPFL): <i>Influence of regulatory uncertainty on capacity investments – Are investments in new technologies a risk mitigation measure?</i>	Internet & Telecommunication I (Room MA 042) Chair: Grove Krämer / Wiewiorra (University Karlsruhe): <i>Innovation through Discrimination!?: A Formal Analysis of the Net Neutrality Debate</i> Grove / Picot (LMU Munich) / Jondral / Elsner (University Karlsruhe): <i>Convergence of Mobile Communications and Broadcasting: A Long-Term Perspective</i> Lucidi / Toman (EE&MC): <i>Market Impact Assessment in Public Service Broadcasting</i>	GARS Air I (Room MA 043) Chair: Hueschelrath Kratzsch / Sieg (TU Braunschweig): <i>Non-Aviation Revenues, Infrastructure Improvements, and the Need for Regulating Airport Charges</i> Tomová (University of Žilina): <i>PPP Projects and Airports: Experience and State in World Regions</i> Hueschelrath (ZEW, WHU): <i>Transatlantic Airline Competition - An Antitrust Perspective</i> Knippenberger (University Karlsruhe): <i>The Commercial Real-Estate Development Named "Airport City": Possible Conflicts in the Airport-Region-Relation</i>	Transport I (Room MA 141) Chair: Gühnemann Khoshyaran (ETC Economics Traffic Clinic) / Lebacque (INRETS-GRETIA): <i>Regional Network Competition: Using Tax Instruments</i> Knockaert / Evangelinos / Rietveld / Wieland (TU Dresden): <i>Differentiated Infrastructure Charges in Europe: Comparison of Theory and Practice</i> Clune (EcoLegal): <i>Reducing Household Gasoline Consumption in the United States through Tax Incentives for the Purchase of Clean Fuel Automobiles</i> Gühnemann / Koh / Kimble / Chernyavs'ka / Shepherd (University of Leeds): <i>Implications of Interdependencies between Charging Strategies of Local Authorities for the Protection of Sensitive Areas in the Trans-Pennine Corridor</i>	Gas (Room MA 144) Chair: Growitsch Valencia (TILEC, Tilburg University / Willems (CentER & TILEC, Tilburg University): <i>Efficiency of Take or Pay Clauses in Long-Term Gas Contracts</i> Henze / Noussair / Willems (Tilburg University): <i>Regulation of Interconnector Investments in Natural Gas Networks - An Experimental Evaluation</i> Perner / Seeliger (Frontier Economics): <i>Global Gas Demand Prospective: Is the End of Gas Boom in Sight...?</i> Egging (University of Maryland) / Holz (DIW Berlin): <i>Timing of Investments in an Uncertain World</i> Growitsch / Nepal / Stronzik (WIK): <i>Natural Gas Market Integration in Germany</i>	Water I (Room MA 142) Chair: Ruester Carlei / Marra (Università Gabriele d'Annunzio): <i>Measuring Regulatory Performance in the Water Sector</i> Oelmann (WIK) / Tauchmann (RWI Essen) / Clausen (BMW): <i>Do Organizational Forms Matter? An Econometric Analysis of Organizational Innovativeness in the German Wastewater Sector</i> Ruester / Zschille (TU Dresden): <i>The Impact of Governance Structure on Firm Performance - Application to the German Water Distribution Sector</i>
16.45 h	Coffee & Tea, Refreshments, Snacks					
17.00 h	Electricity II (Room MA 041) Chair: Schober Heuterkes / Flinkerbusch (University of Münster): <i>Cost Reduction Potentials within the German Market of Control Reserves</i> Pickhardt (University of Münster): <i>Residential Electricity Demand in Germany</i> Schober / Weber (University Essen): <i>Success of Political Reform in the Electricity Sector in South America</i>	Internet & Telecommunication II (Room MA 042) Chair: Wissner Wissner (WIK): <i>ICT, Growth and Productivity in the Energy Sector - on the Way to a Smart Grid?</i> Meinen / Pavel (DIW econ): <i>The Impact of ICT on EU Trade</i> Singh (Ramjas College, University of Delhi): <i>Digital Divide in India: Measurement, Determinants and Policy for Bridging the Digital Divide</i>	GARS Air II (Room MA 043) Chair: Czerny Tolga Ülkü (HU Berlin): <i>Efficiency of German Airports and Influencing Factors</i> Hinz / Müller / Scholz (German Airport Project): <i>Simplifying Airport Charges in Germany: Reducing Fixed and Raising Pax Charges Exemplified by Berlin Airports and Düsseldorf</i> Klophaus (Worms University of Applied Sciences): <i>Estimating Revenues and Consumer Surplus for the German Air Transport Markets</i>	Transport II (Room MA 141) Chair: Beria Kopp / Koning (University Paris I): <i>Paris: a Desire named Streetcar</i> Friedrich / Liedtke (University Karlsruhe): <i>Consideration of Logistics for Policy Analysis with Freight Transport Models</i> Beria / Scopel (POL Milan): <i>Financing Methods Applied to Urban Infrastructures. An Application to Milan Metro System</i>	Hydropower Chair: Crettenand Vinella (University Toulouse): <i>Water Misallocation and Environmental Externalities in Electricity Generation</i> Villumsen (Technical University of Denmark): <i>Modeling Hydroelectric Power Producers Strategic Use of Water Reservoirs</i> Crettenand (EPFL): <i>Coherence between Institutions and Technologies - The Case of Mini Hydropower in Switzerland</i>	Water II (Room MA 142) Chair: Walter Kulshrestha (MANIT-BHOPAL): <i>Efficiency Evaluation of Urban Water Supply Utilities in India</i> Mutafoglu (TU Berlin): <i>Assessing the Economics of Industrial Water Use in an International River Basin</i> Walter (TU Dresden) / Zschille (Hessian Ministry of Economics, Transport, Urban and Regional Development): <i>Cost Efficiency and Economics of Scale and Density in Germany's Water Distribution</i>
19.00 h	Reception, Conference Dinner (Filmbühne am Steinplatz: Hardenbergstraße 12, 10623 Berlin)					

Contact / Registration: <http://www.infraday.tu-berlin.de>, infraday2009@wip.tu-berlin.de

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