

7th Conference on Applied Infrastructure Research (INFRADAY)

“New Challenges to Infrastructure Theory and Policy – Markets and Planning, Development and Sustainability”

Berlin, 10-11 October, 2008

TU Berlin (Straße des 17. Juni 135)

Final Program

Friday, 10 October, 2008 (Hauptgebäude / Main Building, Straße des 17. Juni 135)			
13.00 h	Registration, Coffee & Tea (“Lichthof” Gallery)		
14.00 h	Opening Address (Room H 1028) Georg Meran (TU Berlin, DIW Berlin), Christian von Hirschhausen (TU Dresden, DIW Berlin)		
14.15 h	Keynote Speech (Room H 1028) Denny Ellerman (MIT): European Emission Trading Scheme (EU ETS): Experiences and Perspectives for US Climate Policy (Chair: Georg Meran, TU Berlin, DIW Berlin)		
15.00 h	Award of the 6th Hans-Jürgen-Ewers-Prize (Room H 1028)		
15.30 h	Coffee & Tea (“Lichthof” Gallery)		
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>Climate Policies and Infrastructure Sectors (Room H 1028)</u> Chair: Christian von Hirschhausen (TU Dresden, DIW Berlin) Ottmar Edenhofer (Potsdam Institute for Climate Impact Research, PIK, and IPCC): <i>Perspectives of Global Climate Change Policies</i> Denny Ellerman (MIT): <i>Integrating Transport into a CO₂-Regime</i> Martin Cames (Institute for Applied Ecology): <i>How to Tackle GHG Emissions from International Maritime Navigation and Aviation</i> Mathias Hellriegel (Eggers Malmendier Lawyers): <i>Considering Climate Change Issues in Infrastructure Law</i> </td> <td style="width: 50%; vertical-align: top;"> <u>Incentive Regulation (Room H 1012)</u> Chair: Andreas Brenck (IGES) Burns/Weyman-Jones (Frontier Economics Ltd): <i>The Long-Run Level of X in RPI-X Regulation</i> Christian Growitsch (WIK): <i>Investment Incentives under Price Cap Regulation – The Case of Energy</i> Kay Mitusch (TU Berlin, IGES): <i>Regulation of a Subsidized Firm - The Case of Railways</i> </td> </tr> </table>	<u>Climate Policies and Infrastructure Sectors (Room H 1028)</u> Chair: Christian von Hirschhausen (TU Dresden, DIW Berlin) Ottmar Edenhofer (Potsdam Institute for Climate Impact Research, PIK, and IPCC): <i>Perspectives of Global Climate Change Policies</i> Denny Ellerman (MIT): <i>Integrating Transport into a CO₂-Regime</i> Martin Cames (Institute for Applied Ecology): <i>How to Tackle GHG Emissions from International Maritime Navigation and Aviation</i> Mathias Hellriegel (Eggers Malmendier Lawyers): <i>Considering Climate Change Issues in Infrastructure Law</i>	<u>Incentive Regulation (Room H 1012)</u> Chair: Andreas Brenck (IGES) Burns/Weyman-Jones (Frontier Economics Ltd): <i>The Long-Run Level of X in RPI-X Regulation</i> Christian Growitsch (WIK): <i>Investment Incentives under Price Cap Regulation – The Case of Energy</i> Kay Mitusch (TU Berlin, IGES): <i>Regulation of a Subsidized Firm - The Case of Railways</i>
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18.00 h	Keynote Speech (Room H 1028) Justus Haucap (Univ. of Erlangen-Nuremberg, Monopolies Commission): Regulation, Distribution, and Efficiency (Chair: Jon Stern, City University, London)		
18.45 h	Reception (“Lichthof”)		
19.30 h	Buffet Dinner (“Lichthof”)		
21.00 h	Join us for informal talks and a beer at “Café Hardenberg” (Hardenbergstr. 10, 10623 Berlin)		

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7th Conference on Applied Infrastructure Research (INFRADAY)
Final Program

Saturday, 11 October, 2008 (Hauptgebäude / Main Building, Straße des 17. Juni 135)						
8.00 h	Registration, Coffee & Tea					
9.00 h	Keynote Speech: Peter Forsyth (Monash University): Infrastructure Regulation and Investments (Room H 1028) Chair: Kay Mitusch (TU Berlin, IGES)					
9.45 h	Regulation I (Room H 1012) Chair: Willems (Tilburg University) Le Lannier (U. Paris XI, GRJM; and U. Paris I, CES): <i>Contractual Design and Renegotiation: Impacts on Yardstick Competition Efficiency</i> Meran (TU Berlin, DIW Berlin): <i>Increasing Block Tariffs in the Water Sector</i> Nunes / Petrov / Keller / Cheng (KEMA Consulting): <i>Setting Investment Incentives in a TOTEX-Regulatory Environment</i> Bjørndal / Bjørndal / Johnsen (Norwegian School of Economics and Business Administration): <i>Adjusting for Time Lags in a Yardstick Regulation Model – The Case of Electricity Networks in Norway</i>	Climate Change Issues (Room H 1035) Chair: Neuhoﬀ (University of Cambridge) Eckhause (Logistics Management Institute) / Gabriel (U. Maryland): <i>A Real Options Approach for Investments in Low-Carbon Energy Research & Development</i> Abrell / Weigt (TU Dresden): <i>Green Emission Allowances? How Much to Pay for a Renewable Premium on Top of the ETS</i> Mansanet-Bataller / Leseur / Hervé-Mignucci (Caisse des Dépôts): <i>Energy Infrastructures in France – Climate Change Vulnerabilities and Adaptation Possibilities</i> Hellriegel (Eggers Malmendier Lawyers): <i>Carbon Capture and Storage – CCS</i>	Productivity (Room H 2035) Chair: Walter (TU Dresden) Triebis / Jamasb / Pollitt (U. Cambridge, Judge Business School): <i>Productivity and Efficiency of US Gas Transmission Companies: A European Regulatory Perspective</i> Walter (TU Dresden): <i>Economies of Scale and Scope in Germany's Urban Public Transport</i> Wetzel (U. Lüneburg): <i>European Railway Deregulation: The Influence of Regulatory and Environmental Conditions on Efficiency</i> Cullmann (DIW Berlin) / Farsi / Filippini (ETH Zurich): <i>International Benchmarking in the German and Swiss Urban Public Transport Sector using Panel Data</i>	Modeling (Room H 2036) Chair: Tanner (TU Berlin) Gille (Institute of Transport, Railway Construction and Operation): <i>Evaluating Infrastructure Capacity Using Multiscaling Analysis</i> Czerny (WHU) / Mitusch / Tanner (TU Berlin): <i>The Allocation of Capacity Bottlenecks at a Congested Rail Network: Rail Traffic Maximization versus Auctions</i> Gabriel (U. Maryland) / Leuthold (TU Dresden): <i>Solving Discretely Constrained MPECS in Electricity Markets - With Application to Europe</i>	Infrastructure over Time (Room H 2037) Chair: Weinmann (ESMT) Knaus / Borrmann (U. Vienna): <i>Optimal Franchise Duration with Stochastic Demand</i> Geske (Forschungszentrum Jülich, Systems Analysis and Technology Evaluation): <i>Urban Structure and Demographic Development</i> Weinmann / Burger (ESMT): <i>Determinates of Privatization Revenues in East European and Central Asian Electricity Restructuring</i>	
11.30 h	Coffee & Tea, Refreshments, Snacks ("Lichthof" Gallery)					
11.45 h	Regulation II (Room H 1012) Chair: Growitsch (WIK) Argenton / Willems (Tilburg University): <i>Exclusivity as (In)efficient Insurance</i> Kobayashi / Ohba (Nihon University): <i>Cost Padding, Monitoring, and Regulation</i> Marra (LUISS-Guido Carli U.): <i>Regulating Service Delivery by Tiers of Governance: An Institutional Approach</i> Growitsch / Stronzik (WIK): <i>Ownership Unbundling of Gas Transmission Networks – Theoretical Background and Empirical Evidence</i>	Innovation in Energy Technologies (Room H 1035) Chair: Riechmann (Frontier Economics) Neuhoﬀ (U. Cambridge): <i>Learning by Doing with Constrained Growth Rates - An Application to Energy Technology Policy</i> Riechmann / Deasley / Roberts (Frontier Economics): <i>Maximising the Benefit from a Smart Meter Roll-Out</i> Haney / Jamasb / Pollitt (U. Cambridge): <i>Smart Metering and Electricity Demand – Technology, Economics and International Experience</i> Hellmer (Blekinge Institute of Technology): <i>Switching Costs and Lock-In Effects - The Swedish Market for Residential Heating</i>	Investment (Room H 2035) Chair: Vällilä (European Investment Bank) Vällilä / Gonzalez Alegre / Kolev (European Investment Bank): <i>Public Investment and Total Factor Productivity in Europe</i> Camacho / Menezes (U. Queensland): <i>Price Regulation and Investment: a Real Options Approach</i> Toth / Morasch (Bundeswehr University, Munich): <i>Assigning Tasks in Public Infrastructure Projects: Specialized Private Agents or Public Private Partnerships?</i> Gehrt / Beckers / Klatt (TU Berlin): <i>Evaluation of Private Financing Structures in PPP Projects</i>	Organizational Models (Room H 2036) Chair: Klatt (TU Berlin) Stern / Dassiou (City U.): <i>Institutional Underpinnings of Trustworthiness in Infrastructure Contracts: Trust and Trust Perceptions</i> Amaral / Yvrande-Billon (U. of Paris I Panthéon – Sorbonne): <i>Make or Buy Urban Public Transport Services: A Rational Choice?</i> Nilsson (VTI): <i>Public Private Partnerships: Why and How?</i> de Brux (U. Paris I Panthéon Sorbonne, CES): <i>The Dark and Blue Sides of Renegotiation - An Application to Transport Concession Contracts</i>	Spatial Dimension (Room H 2037) Chair: Ahlfeldt (U. of Hamburg) Waisman / Grazi / van den Bergh (CIRED): <i>Agglomeration Economies and Spatial Sustainability</i> Piron / Delons (Vinci): <i>Pirandello, a Global Economical Urban Model</i> Da Silva / Almeida (U. Federal de Viçosa): <i>Trade and Infrastructure: Their Relationship in Brazilian States</i> Ahlfeldt (U. Hamburg): <i>A New Central Station for a Unified City – Predicting Impact on Property Prices for Urban Railway Network Extensions in Berlin</i>	
13.15 h	Lunch ("Lichthof")					
14.15 h	Keynote Speech: Bert Willems (TILEC, University of Tilburg)					
15.00 h	Electricity I	Internet & Telecommunication	GARS Air I	WTRS Transport I	Gas	Health I
16.45 h	Coffee & Tea, Refreshments, Snacks					
17.00 h	Electricity II		GARS Air II	Transport II: Road Pricing	Transport and Environment	Health II

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 DIW Berlin German Institute for Economic Research	 Berlin University of Technology Workgroup for Infrastructure Policy (WIP)	 Berlin University of Technology Center for Network Industries and Infrastructure (CNI)	 Dresden University of Technology Chair for Energy Economics and Public Sector Management
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7th Conference on Applied Infrastructure Research (INFRADAY)
Final Program (afternoon)

Saturday, 11 October, 2008 (Hauptgebäude / Main Building, Straße des 17. Juni 135)						
14.15 h	Keynote Speech: Bert Willems (TILEC, University of Tilburg): Infrastructure Investment, Uncertainty, Financial Products, and the Role of Regulation (Room H 1028)					
15.00 h	Electricity I (Room H 1012) Chair: Weigt (TU Dresden) Staropoli / Jullien / Robin (Centre d'Economie de la Sorbonne): <i>An Experimental Study of Investment Incentive Mechanisms in the Electricity Industry</i> Abrell / Kunz / Weigt (TU Dresden): <i>Start-up: Modeling of Power Plant Start-Up Conditions and their Impact on Prices</i> Rioux / Glachant / Perez / Dessante (Supelec, GRJM): <i>The Role of Transmission Investment in the Coordination between Generation and Transmissions</i> Roques (U. Cambridge): <i>Optimizing Utilities' Investments under Uncertainty</i>	Internet & Telecommunication (Room H 2035) Chair: Goetz (U. Giessen) Goetz (U. Giessen): <i>Competition, Regulation, and Broadband Access to the Internet</i> Jeroschewski (WHU): <i>Regulatory Challenges of Next Generation Access Networks in Telecommunications</i> Olsen / Henten / Falch (U. Roskilde): <i>Access Pricing in Danish Telecommunications and Electricity</i> Kirsch / Fuhr (TU Berlin): <i>Non-Market Strategies for Asset-specific Investments in the Telecommunication Sector</i> Toman (EE&MC): <i>Public Value in Commercial Broadcasting</i>	GARS Air I (Room H 2036) Chair: Niemeier (U. of Appl. Sc., Bremen) Wolf (U. Kiel) / Forsyth (Monash University): <i>Airport Alliances and Mergers: Will there Be a Few Dominant?</i> Cronrath / Eichinger (ECAD): <i>Competition and Cooperation between European Airports and Airport Systems</i> Van Dender (OECD): <i>Atomistic Congestion Tolls at Concentrated Airports?</i> Götsch / Rühle/ Albers (U. Cologne): <i>The Relationship between Airlines and Airports:</i> Hueschelrath (ZEW Mannheim): <i>Delineating Airline Markets for Antitrust Analysis</i> Forsyth (Monash U.) / Niemeier (U. of Appl. Sc., Bremen): <i>Breaking up BAA?</i>	Transport I: WTRCS (Room H 2037) Chair: Doll (ISI) Vickerman (U. Kent): <i>Wider Economic Benefits and Private Finance in the Appraisal of Major Infrastructure Projects: the Crossrail Project</i> Roehrl (EPFL): <i>Mapping the Techno-Institutional System of the Asian Highway Network, 1980-2008</i> Doll (ISI): <i>Climate Policy and Innovation in Vehicle Technology – the Case of Hybrid Electric Vehicles</i> van Engelshoven (KCV GmbH): <i>Rolling Stock Leasing Market for Passenger Services in the UK - Investigation by the Competition Commission</i>	Gas (Room H 1035) Chair: Holz (DIW Berlin) Rüster (TU Dresden): <i>Changing Contract Structures in the International LNG Markets – A First Empirical Analysis</i> Cuijpers (CREG): <i>Network Interconnectivity and Capacity Reservation Behaviour: An Investigation of the Belgian Gas Transmission Network</i> Huppmann / Hirschhausen / Holz (DIW Berlin) / Rüster (TU Dresden) / Egging / Gabriel (U. Maryland): <i>The World Gas Market in 2030</i> Hattori (Central Research Institute of Electric Power Industry): <i>Diffusion of Household Gas Cogeneration Systems and the Role of Inter-Energy Competition in Japan</i>	Health I: Competition (Room H 1036) Chair: Häussler (TU Berlin / IGES) Morrissey / Hynes / Clarke / O'Donoghue (Teagasc): <i>Examining Access to GP Services in Rural Ireland Using Spatial Microsimulation</i> Rosenbrock (U. Hamburg): <i>Competition without Risk Selection in Long-term Health Insurance</i> Hausteil (IGES): <i>The Influence of Reference Price Policy Changes on the Pricing of Patent and Original Pharmaceuticals</i>
16.45 h	Coffee & Tea, Refreshments, Snacks ("Lichthof" Gallery)					
17.00 h	Electricity II (Room H 1012) Chair: Mulder (NMa) Koc / Bunn (Imperial College London): <i>Electricity Market Behaviour in Periods of Extreme Scarcity</i> Mulder (NMa): <i>Regulation and Quality of Energy-Distribution Networks</i> de Hauteclocque (U. Manchester) / Rioux (Supelec): <i>Regulatory Uncertainty and Inefficiency for the Development of Merchant Lines in Europe</i> De Jonghe / Meeus / Belmans (K. U. Leuven): <i>Improving the Support of Renewable Energy in the Internal Electricity Market</i>	GARS Air II (Room H 2036) Chair: Czerny (WHU) Matsumoto / Veldhuis / de Wit / Burghouwt (AAE): <i>Network Performance, Hub Connectivity Potential, and Competitive Position of Primary Airports in Asia</i> Schwab / Malina / Wollersheim (U. Münster): <i>Using a Contingent Valuation Approach for Evaluating the Benefits of Airports for Regional Economies</i> Maertens (DLR): <i>The Potential of Secondary European Airports in the Long Haul Flight Market</i> Stefan (HU Berlin) / Barbu / Heinz (FHW Berlin): <i>Changes in the Structure of Airport Charges</i>	Transport II: Road Pricing (Room H 2037) Chair: Pickhardt (University of Münster) Ubbels (Free University Amsterdam): <i>Towards Implementation of Road Pricing in the Netherlands: Recommendations for a Policy Maker</i> Liedtke / Scholz (TH Karlsruhe): <i>Infrastructure Cost Calculation and Charging of Heavy Goods Vehicles on German Motorways</i> Pickhardt / Meinhold (U. Münster): <i>Road Pricing and Access Burden Avoidance: Evidence from an Experiment with Braess's Paradox</i>	Transport & Environment (Room H 1035) Chair: Winter (TU Berlin) Elmer (TU Berlin): <i>The Inefficiency of Weight-Based Vehicle Emission Standards</i> Winter (TU Berlin): <i>Consequences of High Oil Prices for the Transport Sector</i> Khoshyaran (ETC): <i>The Economic Impact of Tolling in the Era of High Gasoline Prices</i>	Health II: Hospitals and Outpatient Services (Room H 1036) Chair: Albrecht (IGES) Häussler / Gothe / Kirchberger (IGES): <i>Who Decides on Market Shares of German Hospitals?</i> Tiemann / Schreyögg (TU Berlin): <i>Effects of Ownership on Hospital Efficiency in Germany - A Tobit Panel Data Approach</i> Herr (U. Erlangen-Nuremberg): <i>Cost and Technical Efficiency of German Hospitals: Does Ownership Matter?</i>	
19.00 h	Reception, Conference Dinner (Filmbühne am Steinplatz: Hardenbergstraße 12, 10623 Berlin)					

Contact / Registration: <http://www.infraday.tu-berlin.de>, infraday2008@wip.tu-berlin.de

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