

## 3<sup>rd</sup> International Conference on Applied Infrastructure Research *Network Economics: Financing, Regulation and Capacity Allocation in Infrastructure Sectors*

**Berlin, Saturday, 9 October, 2004 – Program**

TU Berlin, Main Building, Room H 3005, Straße des 17. Juni 135, 10623 Berlin

Friday, 8 October, 20.00h: Pre-conference dinner, "Joe's Wirtshaus zum Löwen", Hardenbergstr. 29, 10623 Berlin, (near Zoo)

8.00 - 9.00 h	Registration, Coffee & Tea		
9.00 - 9.10 h	<b>Opening Address</b> (Kutzler, Meran, Hirschhausen)		
9.10 - 9.40 h	<b>Keynote Speech:</b> Böge (Bundeskartellamt / Federal Cartel Office, Bonn): <i>Competition Issues in Infrastructure Markets</i> (Chair: Meran, DIW / TU Berlin)		
9.40 - 10.00 h	<b>Award of the 2<sup>nd</sup> Hans-Jürgen-Ewers-Prize</b> (Kutzler, Becher, Kochendörfer, Puf, Winter)		
10.00 - 10.15 h	Coffee & Tea		
10.15 - 12.15 h	<p><b>Network Modeling I: Transport</b> (Room H 3004)</p> <p>Oetting (DB Netz AG): <i>Matching Supply and Demand in Large Networks</i></p> <p>Stolz (Deutsche Lufthansa AG): <i>Depeaking - Optimization of Air Traffic Systems</i></p> <p>Lukac (Konrad-Zuse-Zentrum): <i>Auctioning of Railway Slot Capacities</i></p> <p>Liebchen / Möhring (TU Berlin) / Wagner (DB AG): <i>Infrastructure Update According to Schedule?</i></p> <p>Chair: Kühne (DLR)</p>	<p><b>Regulation I (Room H 3005)</b></p> <p>Campos (Univ. of Las Palmas): <i>New Tools for Competition Measurement in Network Industries: The Case of Air Transport</i></p> <p>Meran (DIW, TU Berlin) / Schwalbe (Uni Hohenheim): <i>Price and Quality Regulation in the Water Industry</i></p> <p>Crampes (Univ. Toulouse, IDEI) / Hollander (Univ. Montreal): <i>The Regulation of Audiovisual Content</i></p> <p>Höffler (Max Planck Institut): <i>Costs and Benefits from Infrastructure Competition - Estimating Welfare Effects from Broadband Access Competition</i></p> <p>Chair: Brenck (TU Berlin, WIP)</p>	<p><b>Productivity I: Micro-Issues</b> (Room H 3002)</p> <p>Petrov / Ajodhia / Scarsi (KEMA): <i>Economic Benchmarking and its Applications</i></p> <p>Bjørndal / Bjørndal (NHH, Bergen): <i>Regulation of Electricity Distribution Companies - DEA with Separable Costs</i></p> <p>Trujillo / Gonzales (University of Las Palmas): <i>Reforms and Infrastructure Efficiency in Spain's Container Ports</i></p> <p>Jenkins / Burns / Riechmann (Frontier Economics): <i>The Role of Benchmarking for Yardstick Competition</i></p> <p>Chair: Estache (World Bank, ECARES)</p>
12.15 - 12.30 h	Coffee & Tea, Refreshments, Snacks		
12.30 - 14.00 h	<p><b>Network Modeling II: Energy and Environment</b> (Room H 3004)</p> <p>Kemfert (DIW Berlin, Humboldt University): <i>Modeling the Interaction of the Electricity Market and the Environment</i></p> <p>Conrad (Mannheim University): <i>Product Differentiation in the Presence of Environmental Concern and Network Effects: The Automobile Market</i></p> <p>Erdmann (TU Berlin): <i>Hydrogen Infrastructure Investment Strategies</i></p> <p>Chair: Meran (DIW / TU Berlin)</p>	<p><b>Regulation II (Room H 3005)</b></p> <p>De Donder (Univ. Toulouse, IDEI): <i>Access Pricing in the Postal Sector</i></p> <p>Mitusch / Brenck (TU Berlin, WIP): <i>Innovation and Entry Deterrence in an Open Access Network</i></p> <p>Riechmann / Burns / Jenkins / Milczarek (Frontier Economics): <i>Yardstick Competition - A Win-Win Setting?</i></p> <p>Chair: Hirschhausen (DIW Berlin, TU Berlin)</p>	<p><b>Productivity II: Macro-Issues</b> (Room H 3002)</p> <p>Kopp (OECD): <i>Macroeconomic Productivity Effects of Road Infrastructure Investment</i></p> <p>Belaïd (Villeteuse University, Paris): <i>Telecommunication Infrastructure and Economic Development</i></p> <p>Chair: Buhr (Univ. of Siegen)</p>
14.00 - 15.00 h	Lunch (Room H 4136)		
15.00 - 15.30 h	<b>Keynote Speech:</b> Shy (University of Haifa, WZB): <i>Intellectual Property and Network Economics</i> (Chair: Crampes, Univ. Toulouse, IDEI)		
15.30 - 17.00 h	<p><b>Telecommunication I: Mobile Telephony</b> (Room H 3004)</p>	<p><b>Transport I: Markets and Financing</b> (Room H 3005)</p>	<p><b>Energy I: Electricity</b> (Room H 3002)</p>
17.00 - 17.15 h	Coffee & Tea		
17.15 - 18.45 h	<p><b>Telecommunication II: Fixed-line Telephony</b> (Room H 3004)</p>	<p><b>Transport II: Pricing</b> (Room H 3005)</p>	<p><b>Energy II: Germany</b> (Room H 3002)</p>
18.45 - 20.15 h	<p><b>Telecommunication III: Networks</b> (Room H 3004)</p>	<p><b>Transport III / TIPP</b> (Room H 3005)</p>	<p><b>Energy III: Gas</b> (Room H 3002)</p>
Evening, 20.30 h	Informal Conference Dinner ( <i>Restaurant Filmbühne am Steinplatz</i> , Hardenbergstrasse 12, 10623 Berlin (near TU Berlin))		

### Scientific Partners and Supporting Organizations

**3<sup>rd</sup> International Conference on Applied Infrastructure Research**  
**Network Economics: Financing, Regulation and Capacity Allocation in Infrastructure Sectors**  
**Berlin, Saturday, 9 October, 2004**

**Program (afternoon)**

14.00 – 15.00 h	Lunch (Room H 4136)		
15.00 – 15.30 h	<b>Keynote Speech:</b> Shy (University of Haifa/WZB): <i>Intellectual Property and Network Economics</i> (Chair: Crampes, Univ. Toulouse, IDEI)		
15.30 - 17.00 h	<p><b>Telecommunication I: Mobile Telephony</b> (Room H 3004)</p> <p>Houpis (Frontier Economics) / Valletti (Imperial College London): <i>Mobile Termination: What is the "Right" Charge?</i></p> <p>Discussant: Duso (WZB)</p> <p>Jindra (University of Freiburg): <i>National Roaming: An Incomplete Contracts Approach</i></p> <p>Discussant: Grajek (WZB)</p> <p>Chair: Wey (DIW Berlin, TU Berlin)</p>	<p><b>Transport I: Markets and Financing</b> (Room H 3005)</p> <p>Kühne (DLR): <i>How to Finance Mobility?</i></p> <p>Liedtke / Ott / Schmedding (University of Karlsruhe): <i>A Network-economical Analysis of the Freight Transport Market</i></p> <p>Czerny (TU Berlin, WIP): <i>Failing Carrier Competition in the Cargo Liner Shipping Industry?</i></p> <p>Chair: Campos (Univ. of Las Palmas)</p>	<p><b>Energy I: Electricity</b> (Room H 3002)</p> <p>Anderson (Harvard University, Millennium Challenge Corporation): <i>Analyzing Strategic Interaction in Multi-Settlement Electricity Markets</i></p> <p>Nekrassov / Bart / Lefevre (EdF): <i>LMP – based Method for Identification of the Homogeneous Areas of the Electric Market</i></p> <p>Roques / Newbery / Nuttall (University of Cambridge): <i>Generation Adequacy and Investment Incentives in the UK: From the Pool to NETA</i></p> <p>Chair: Erdmann (TU Berlin)</p>
17.00 - 17.15 h	Coffee & Tea		
17.15 - 18.45 h	<p><b>Telecommunication II: Fixed-line Telephony</b> (Room H 3004)</p> <p>Peitz (International University) / de Bijl (TILEC): <i>Unbundling the Local Loop: One-Way Access and Imperfect Competition</i></p> <p>Discussant: Jansen (WZB)</p> <p>Bolle / Baier (University of Frankfurt/Oder): <i>Cyclical Price Fluctuations in the German Call by Call Telephone Market – A Case for Regulation?</i></p> <p>Discussant: Heidhues (WZB)</p> <p>Chair: Mitusch (TU Berlin, WIP)</p>	<p><b>Transport II: Pricing</b> (Room H 3005)</p> <p>Sumalee (University of Leeds, ITS): <i>Optimal Road Pricing Scheme Design</i></p> <p>Ubbels / Verhoef (Free University Amsterdam): <i>Auctioning Concessions for Private Roads</i></p> <p>Englmann (University of Stuttgart): <i>Value Pricing: A Possible First Step Towards General Road Pricing even in Germany?</i></p> <p>Stenzel / Möhring / Köhler / Gawrilow (TU Berlin): <i>Conflict-free Real-time AGV Routing</i></p> <p>Chair: Vickerman (University of Kent)</p>	<p><b>Energy II: Germany</b> (Room H 3002)</p> <p>Jung (LL.M./Attorney at Law): <i>Toward Regulated Network Access in German Electricity</i></p> <p>Pfaffenberger / Hille (Energy Institute Bremen): <i>Power Generation in Germany: How to Close the Gap in Generation Capacity in the Context of a Liberalized Energy Market</i></p> <p>Hirschhausen (TU Berlin, DIW, TU Dresden) / Kappeler (Univ. Toulouse): <i>Efficiency Analysis of German Electricity Distribution Utilities</i></p> <p>Chair: Brunekreeft (Univ. Tilburg)</p>
18.45 – 20.15 h	<p><b>Telecommunication III: Networks</b> (Room H 3004)</p> <p>Prüfer / Jahn (Frankfurt University): <i>Transit versus (Paid) Peering: Interconnection and Competition in the Internet Backbone Market</i></p> <p>Discussant: Salim (DIW Berlin)</p> <p>Koch / Wessály (ZIB, Berlin): <i>Hierarchical Infrastructure Planning in Networks</i></p> <p>Discussant: Brenck (TU Berlin, WIP)</p> <p>Chair: Wolisz (TU Berlin)</p>	<p><b>Transport III / TIPP</b> (Room H 3005)</p> <p>Ubbels / Verhoef (Free University Amsterdam): <i>Acceptability Of Road Pricing In The Netherlands</i></p> <p>Kosztzyo / Meszaros / Tanczos (Budapest University): <i>Application of Shared Financing in Road Infrastructure Development in Hungary</i></p> <p>Beckers / Klatt / Hirschhausen (TU Berlin): <i>The Organization of Operation and Routine Maintenance on the Federal Trunk Roads in Germany</i></p> <p>Wieland / Matthes / Schlag / Seidel (TU Dresden): <i>Transport Policy, Acceptance and the Role of the Media (TIPP)</i></p> <p>Chair: Wieland (TU Dresden)</p>	<p><b>Energy III: Gas</b> (Room H 3002)</p> <p>Bunn / Rupérez Micola (London Business School): <i>Two Markets and a Weak Link</i></p> <p>Pavel (DIW Berlin, GAG) / Meinhart (TU Berlin) / Hirschhausen (DIW Berlin, TU Berlin): <i>Transporting Russian Gas to Western Europe - A Simulation Analysis</i></p> <p>Clastres / Percebois (University of Montpellier) / David (Gaz de France): <i>Strategies of an Incumbent in a Context of Gas Release</i></p> <p>Chair: Grégoire (GdF)</p>
Evening, 20.30 h	Informal Conference Dinner: Restaurant „Filmühne am Steinplatz“, Hardenbergstrasse 12, 10623 Berlin (near TU Berlin)		

**Contact / Registration:** TU Berlin, WIP, <http://wip.tu-berlin.de>, [cae@wip.tu-berlin.de](mailto:cae@wip.tu-berlin.de), +49-30-314-23649

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