

# **Kuhmo-Nectar Conference on Transport Economics 2010**

**Monday 05 July 2010 - Friday 09 July 2010**

**Fundación Universidad Empresa ADEIT  
Programme**

## Table of contents

Monday 05 July 2010	4
Welcome	4
Urban Transport Demand Modelling: State of the Art	4
Urban Transport Supply Modelling: State of the Art	4
Equilibria and Optima in Urban Transport	4
Discrete Choice Models: Theory and Applications	4
Tuesday 06 July 2010	5
First-best Road Pricing and Investment in Static and Dynamic Models	5
Second-best Road Pricing and Investment	5
Road Pricing and Urban Structure	5
Empirical Research Strategies for Transport Economics	5
Wednesday 07 July 2010	6
Welfare Economic Evaluation of Transport Policies	6
Airline Regulatory Issues: Mergers and International Alliances	6
Economic Assessment of Transport Investment Projects	6
Environmental Impacts of Land Use and Transportation Policies	6
Thursday 08 July 2010	7
Keynote Speaker: Professor Daniel L. McFadden. "The Microdynamics of Choice"	7
Climate	7
Efficiency with DEA	7
Networks and airports	7
Public transport regulation	7
Climate	7
Congestion	7
Congestion and heterogeneity	7
Transit	8
Congestion	8
Fuel cost and travel	8
Parking	8
Special Session on Political Economy	8
Airports	9
RP studies	9
Transport and the labour market	9
Before and after	9
Congestion games	9
Simulating transit	9

Friday 09 July 2010	10
Congestion and public transport	10
Freight	10
Industrial Organization	10
Road pricing	10
Cars	10
Congestion	10
Travel costs	10
Travel demand	11
Case studies	11
Cities	11
Climate	11
Empirical congestion	11
Competition	11
Congestion	11
Econometrics of cars and trips	12
Labour market and transport	12
Empirical cost studies	12
Flight delays	12
Parking and speeding	12
Railways	12
Traffic growth	13
Transport and growth	13
Urban transport	13

## **Monday 05 July 2010**

**Welcome (05 July 09:50-10:00)**

**Urban Transport Demand Modelling: State of the Art (05 July 10:00-11:30)**

**Kenneth Small**

**Urban Transport Supply Modelling: State of the Art (05 July 12:00-13:30)**

**Kenneth Small**

**Equilibria and Optima in Urban Transport (05 July 15:00-16:30)**

**Richard Arnott**

**Discrete Choice Models: Theory and Applications (05 July 17:30-19:00)**

**André de Palma and Nathalie Picard**

## **Tuesday 06 July 2010**

### **First-best Road Pricing and Investment in Static and Dynamic Models (06 July 10:00-11:30)**

**Robin Lindsey**

### **Second-best Road Pricing and Investment (06 July 12:00-13:30)**

**Erik Verhoef**

### **Road Pricing and Urban Structure (06 July 15:00-16:30)**

**Alex Anas**

### **Empirical Research Strategies for Transport Economics (06 July 17:30-19:00)**

**Jos van Ommeren**

## **Wednesday 07 July 2010**

### **Welfare Economic Evaluation of Transport Policies (07 July 10:00-11:30)**

**Stef Proost**

### **Airline Regulatory Issues: Mergers and International Alliances (07 July 12:00-13:30)**

**Jan Brueckner**

### **Economic Assessment of Transport Investment Projects (07 July 15:00-16:30)**

**Ginés de Rus**

### **Environmental Impacts of Land Use and Transportation Policies (07 July 16:50-18:20)**

**Kara Kockelman**

## Thursday 08 July 2010

### **Keynote Speaker: Professor Daniel L. McFadden. "The Microdynamics of Choice" (08 July 09:25-10:25)**

#### **Climate - Room 1.1 (08 July 10:55-11:55)**

time	[id] title	presenter
10:55	[112] Energy policies for passenger transportation: A comparison of costs and effectiveness	Prof. SMALL, Kenneth
11:25	[86] Cost Benefit Analysis and Global Warming Issues	Prof. QUINET, Emile

#### **Efficiency with DEA - Room 1.4 (08 July 10:55-11:55)**

time	[id] title	presenter
10:55	[74] Airport efficiency and public investment in Greece	Dr. TSEKERIS, Theodore
11:25	[65] A measure of Italian local government spending efficiency. The case of transport related expenditure	Prof. BERGANTINO, Angela Stefania

#### **Networks and airports - Room 1.3 (08 July 10:55-11:55)**

time	[id] title	presenter
10:55	[85] The generalized network pricing problem	Dr. DUNKERLEY, Fay
11:25	[24] Airport Costs, Runways, and Economic Development	Prof. MCCARTHY, Pat

#### **Public transport regulation - Room 1.2 (08 July 10:55-11:55)**

time	[id] title	presenter
10:55	[18] Regulation of the French Rail Transport Industry: An Econometric Investigation	Mr. IVALDI, MARC
11:25	[47] Beyond frequency and capacity: Optimal design speed and fare collection method for bus corridors	Mr. TIRACHINI, Alejandro

#### **Climate - Room 1.4 (08 July 12:00-13:00)**

time	[id] title	presenter
12:00	[66] The Drawbacks and Opportunities of Carbon Tolls in Metropolitan Areas - A Spatial General Equilibrium Approach	Prof. HIRTE, Georg
12:30	[62] Global Scale System Dynamic Simulation Model for Transport Emissions (GLADYSTE)	Mr. PURWANTO, Alloysius Joko

#### **Congestion - Room 1.1 (08 July 12:00-13:00)**

time	[id] title	presenter
12:00	[106] Cost Recovery from Road Tolls with Long-Run Uncertainty	Prof. LINDSEY, Robin
12:30	[27] Endogenous scheduling preferences and congestion	Dr. FOSGERAU, Mogens

#### **Congestion and heterogeneity - Room 1.2 (08 July 12:00-13:00)**

time	[id] title	presenter
12:00	[14] Why congestion tolling could be good for the consumer: The effects of heterogeneity in the values of schedule delay and time on the effects of tolling	Mr. VAN DEN BERG, Vincent
12:30	[84] Start Time and Worker Compensation: Implications for Staggered-Hours Programs	VAN OMMEREN, Jos

### **Transit - Room 1.3 (08 July 12:00-13:00)**

time	[id] title	presenter
12:00	[87] Modeling Optimal Price and Service level for a New Rail Transit Line: Two empirical studies in China	Ms. QIN, Feifei
12:30	[69] Mass transit: Stations' location and pricing	KILANI, Moez

### **Congestion - Room 1.1 (08 July 15:00-16:00)**

time	[id] title	presenter
15:00	[38] Demand, price and welfare effects of traffic information: strategic interactions between road operation and provision of information in a non-congestible network	Mr. GUBINS, Sergejs
15:30	[110] The variability of travel time: Elaboration a model of valuation	Mr. ZERGUINI, Seghir Mr. DE PALMA, André

### **Fuel cost and travel - Room 1.2 (08 July 15:00-16:00)**

time	[id] title	presenter
15:00	[29] Evaluating the Gasoline Price Elasticity Using a General Equilibrium Model of the Urban Economy Incorporating Travel and Location Demand	Mr. HIRAMATSU, Tomoru
15:30	[114] Response of Light-Duty Vehicle Travel and Fuel Consumption to Fuel Costs	Prof. SMALL, Kenneth

### **Parking - Room 1.3 (08 July 15:00-16:00)**

time	[id] title	presenter
15:00	[23] The (hidden) cost of employer parking policies	VAN OMMEREN, Jos
15:30	[41] Do Parking Requirements Significantly Increase The Area Dedicated To Parking? A Test Of The Effect Of Parking Requirements Values In Los Angeles County.	FRANCO, Sofia

### **Special Session on Political Economy - Room 1.4 (08 July 15:00-18:55)**

time	[id] title	presenter
15:00	[16] The Cost of Contract Renegotiation: Evidence from the Local Public Sector	Prof. GAGNEPAIN, Philippe
15:30	[5] RESTATING MODAL INVESTMENT PRIORITY WITH AN IMPROVED MODEL FOR PUBLIC TRANSPORT ANALYSIS	Prof. JARA-DIAZ, Sergio
16:00	break	
16:05	[36] The Political Economy of US Public Transport Subsidies	GIULIANO, Genevieve
16:35	[34] Political Economy of Infrastructure Investment: Evidence from ARRA Airport Grants	BILOTKACH, Volodymyr
17:05	break	
17:25	[119] Reducing Rent Seeking by Providing Wide service	GLAZER, amihai

17:55	[118] The political economy of road pricing	DE BORGER, bruno
18:25	[129] Discussion	

### **Airports - Room 1.1 (08 July 16:05-17:05)**

time	[id] title	presenter
16:05	[90] INTERNATIONAL AIRPORT SLOTS GAME	PROOST, stef
16:35	[54] Organization of Multiple Airports in a Metropolitan Area with Users Heterogeneity	Mr. TERAJI, Yusuke

### **RP studies - Room 1.3 (08 July 16:05-17:05)**

time	[id] title	presenter
16:05	[52] Stick to the plan? A revealed-preference study of behavioral impacts of traffic information	Dr. TSENG, Yin-Yen
16:35	[22] Estimating Firms' Demand for Attributes of Properties	Mr. KOSTER, Hans

### **Transport and the labour market - Room 1.2 (08 July 16:05-17:05)**

time	[id] title	presenter
16:05	[42] Wages and commuting: natural experiments' evidence from firms that relocate	Mr. MULALIC, Ismir
16:35	[60] Highways and local development: further evidence from Italy	Mr. PERCOCO, Marco

### **Before and after - Room 1.1 (08 July 17:25-18:25)**

time	[id] title	presenter
17:25	[61] Do public transit investments promote urban economic development? Evidence from Bogotá	Dr. HERES DEL VALLE, David Ricardo
17:55	[44] A BEFORE AND AFTER STUDY OF NEW LINES OF THE CAMPANIA REGIONAL METRO SYSTEM PROJECT	Dr. CARTENI, Armando

### **Congestion games - Room 1.2 (08 July 17:25-18:25)**

time	[id] title	presenter
17:25	[89] Nonlinear Pricing in Transportation: An application to transit system of Santiago de Chile	BATARCE, Marco
17:55	[37] Information Lags Induce Cycles in Congestion Games	Mr. HU, Danqing

### **Simulating transit - Room 1.3 (08 July 17:25-18:25)**

time	[id] title	presenter
17:25	[103] Bus transit and the environment	KNOCKAERT, Jasper
17:55	[75] A combination of new public transport supply and new fares can produce regional integration and welfare gains Case study	Dr. JANSSON, Kjell

## Friday 09 July 2010

### **Congestion and public transport - Room 1.1 (09 July 09:30-10:30)**

time	[id] title	presenter
09:30	[100] A MICROECONOMIC ANALYSIS OF CONGESTION MANAGEMENT MEASURES	Mr. BASSO, Leonardo J.
10:00	[76] Public transport policy with and without road pricing	Dr. JANSSON, Kjell

### **Freight - Room 1.4 (09 July 09:30-10:30)**

time	[id] title	presenter
09:30	[40] Accounting for WTP/WTA discrepancy in discrete choice models: Discussion of policy implications based on two freight transport stated choice experiments	Mr. MASIERO, Lorenzo
10:00	[128] Acceptability of freight policy innovation from a stakeholder perspective: A case study of Rome's Limited Traffic Zone	MARCUCCI, Edoardo

### **Industrial Organization - Room 1.2 (09 July 09:30-10:30)**

time	[id] title	presenter
09:30	[117] A simple model of pricing for non-storable goods in oligopoly: Some considerations on airline pricing behaviour	Dr. ALDERIGHI, Marco
10:00	[21] Vertical Integration and exclusivity in the maritime freight transport	Dr. CANTOS-SÁNCHEZ, Pedro

### **Road pricing - Room 1.3 (09 July 09:30-10:30)**

time	[id] title	presenter
09:30	[93] Is congestion charging efficient? An assessment of experiences in Europe	Dr. RAUX, Charles
10:00	[107] Income dependent economic evaluation and public acceptance of road user charging	KICKHÖFER, Benjamin

### **Cars - Room 1.2 (09 July 11:00-12:00)**

time	[id] title	presenter
11:00	[77] An Empirical Analysis of Externalities from Active Car Safety Systems	Mr. MATTHES, Andreas Prof. BERLEMANN, Michael
11:30	[73] The willingness to pay for automobile quality aspects	Dr. ROUWENDAL, Jan

### **Congestion - Room 1.1 (09 July 11:00-12:00)**

time	[id] title	presenter
11:00	[55] Congestion in a city with a central bottleneck	Dr. FOSGERAU, Mogens
11:30	[81] Congesting pricing in a road and rail network with heterogeneous values of time and schedule delay	Mr. VAN DEN BERG, Vincent

### **Travel costs - Room 1.4 (09 July 11:00-12:00)**

time	[id] title	presenter
------	------------	-----------

11:00	[105] The Economic Benefit of Data-Communication Technology on the New York Metroplex Area	Dr. ENEA, gabriele
11:30	[91] Valuation of travel time and connectivity reliability of road transportation	Dr. NAKAYAMA, Sho-ichiro

### **Travel demand - Room 1.3 (09 July 11:00-12:00)**

time	[id] title	presenter
11:00	[122] Residential location and job location: Firm and worker points of view	Prof. PICARD, Nathalie
11:30	[71] Travel Mode Choice for Couples	Mrs. SCORBUREANU, Alexandrina Mrs. PICARD, Nathalie

### **Case studies - Room 1.4 (09 July 12:05-13:05)**

time	[id] title	presenter
12:05	[48] The Oosterweel junction revisited	Mrs. VAN DER LOO, saskia
12:35	[70] The Re-Opening of the Ancient Silk Road as A Route to Peace In the Middle East	Mrs. SCORBUREANU, Alexandrina Mrs. PICARD, Nathalie

### **Cities - Room 1.1 (09 July 12:05-13:05)**

time	[id] title	presenter
12:05	[121] Couple residential location and spouses workplaces	Prof. PICARD, Nathalie
12:35	[39] Metropolitan Decentralization and the Stability of Commuting Time	Prof. ANAS, Alex

### **Climate - Room 1.3 (09 July 12:05-13:05)**

time	[id] title	presenter
12:05	[92] Do we need cleaner cars?	PROOST, stef
12:35	[82] Exploring Strategies for Achieving "VMT- Neutral" Economic Growth	Dr. DOWELL, Paula

### **Empirical congestion - Room 1.2 (09 July 12:05-13:05)**

time	[id] title	presenter
12:05	[45] OPTIMAL MULTI-CLASS CONGESTION TOLLS: THE ROLE OF THE STRUCTURE OF THE TRAVEL TIME FUNCTION	Prof. HOLGUIN-VERAS, Jose
12:35	[83] The Social Cost of Road Congestion in Ile-de-France Region (and France): Empirical Evidences from the Paris Ring-Road	Mr. KONING, martin

### **Competition - Room 1.1 (09 July 15:00-16:00)**

time	[id] title	presenter
15:00	[3] Price and Frequency Competition in Freight Transportation	SHAH, Nilopa
15:30	[108] Second degree price discrimination and inter-group effects in the European airline routes	Dr. ALDERIGHI, Marco

### **Congestion - Room 1.3 (09 July 15:00-16:00)**

time	[id] title	presenter
15:00	[104] Bottleneck Congestion: Differentiating the Coarse Charge	KNOCKAERT, Jasper
15:30	[131] CONGESTION PRICING AND TRANSIT SUBSIDIES: A COMPLETE MODEL BEYOND THE DOWNS-THOMSON PARADOX	Mr. BASSO, Leonardo J. Prof. JARA-DIAZ, Sergio

### **Econometrics of cars and trips - Room 1.2 (09 July 15:00-16:00)**

time	[id] title	presenter
15:00	[102] Metropolis Hastings-within-Gibbs sampling estimation of hybrid choice models: an application to vehicle choice	Mr. ALVAREZ-DAZIANO, Ricardo
15:30	[59] APLICACION OF THE BOX-COX TRANSFORMATION TO THE DEVELOPMENT OF TRIP GENERATION MODELS	Prof. DEL CASTILLO, Jose M.

### **Labour market and transport - Room 1.4 (09 July 15:00-16:00)**

time	[id] title	presenter
15:00	[111] Funding the Way to Work: Transportation Policies with Provisions for Low-Wage Workers	Mr. COMBS, Fred
15:30	[9] REGIONAL LABOUR MARKETS AND JOB ACCESSIBILITY IN CITY NETWORK SYSTEMS IN GERMANY	Ms. HAAS, Anette

### **Empirical cost studies - Room 1.4 (09 July 16:05-17:05)**

time	[id] title	presenter
16:05	[130] Airport Noise at Düsseldorf International Airport. The Effects of Noise Emissions on the Local Residential Property Market	EVANGELINOS., Christos
16:35	[19] HOW DO SUSTAINED CHANGES IN COST OF AIRLINES INFLUENCE AIR TRAFFIC?	Ms. TORU, Tuba

### **Flight delays - Room 1.2 (09 July 16:05-17:05)**

time	[id] title	presenter
16:05	[32] Optimal Air Traffic Delays	Mr. URDANOZ, Miguel
16:35	[113] Flight Delays, Capacity Investment and Social Welfare: A New Framework under the Air Transport Supply-Demand Equilibrium	Mr. ZOU, BO

### **Parking and speeding - Room 1.1 (09 July 16:05-17:05)**

time	[id] title	presenter
16:05	[28] Using a traffic-insurance tax to implement first-best speed control	Prof. HULTKRANTZ, Lars
16:35	[35] Free Parking for All in Shopping Malls	Prof. INCI, Eren

### **Railways - Room 1.3 (09 July 16:05-17:05)**

time	[id] title	presenter
16:05	[72] The marginal cost of railway renewals: a sample selection modelling approach	Dr. ANDERSSON, Mats
16:35	[33] Evaluating European railway deregulation using different approaches	Dr. SERRANO-MARTÍNEZ, Lorenzo

**Traffic growth - Room 1.4 (09 July 17:25-18:25)**

time	[id] title	presenter
17:25	[63] An exploratory analysis of causal relation between gasoline prices, unemployment rate and Vehicle miles travelled (VMTs) based on Granger causality	Dr. HAYNES, Kingsley E.
17:55	[11] Urban transport systems and their place in macroeconomic conceptions of sustainability	Dr. ZEIBOTS, Michelle

**Transport and growth - Room 1.2 (09 July 17:25-18:25)**

time	[id] title	presenter
17:25	[67] DISTRIBUTIVE IMPACT OF TRANSPORT EXPENDITURE. THE CASE OF URUGUAY	Mr. PEREYRA DA LUZ, Andres Mr. PEREZ, Marcelo
17:55	[4] Spanish Logistics and Trade	Mrs. MÁRQUEZ-RAMOS, Laura

**Urban transport - Room 1.3 (09 July 17:25-18:25)**

time	[id] title	presenter
17:25	[46] ASSESSMENT OF TRADEOFFS AMONG URBAN DELIVERY VEHICLES	Prof. HOLGUIN-VERAS, Jose
17:55	[94] TRANSPORT AND ENVIRONMENT IN URBAN AREAS: A METHOD FOR ESTIMATING TRAFFIC FUEL CONSUMPTION AND VEHICLE EMISSIONS	Dr. CARTENÌ, Armando