

# 5<sup>th</sup> MEETING ON TRANSPORT ECONOMICS AND INFRASTRUCTURE

---

**Place:** Faculty of Economics, University of Barcelona (Av. Diagonal, 690. Barcelona)  
Sala de Graus  
**Date:** 25 & 26 January 2024  
**Organized by:** Institut d'Economia de Barcelona (IEB) & Govern i Mercats (GiM) Research Group

---

(all times CET)

## DAY 1

**13.30 – 14.00 Registration**

**14.00 – 14.15 Opening address**

Josep Maria Duran, Director IEB

Javier Asensio, Director of the Infrastructure and Transportation Research Programme

**14.15 – 15.15 Session 1: Air transport (1)**

**Pedro Cantos-Sánchez** (Universidad de Valencia): “Welfare and environmental effects of short-haul flights bans” (with R. Moner-Colonques, A. Ruiz-Buforn & J.J. Sempere-Monerris)

**Paula Navarro** (Norwegian School of Economics): “Input Technology and Airline Pricing” (with A. Divakaruni)

**15.15 – 15.45 Coffee break**

**15.45 – 16.45 Session 2: Railways and roads (1)**

**Andrew Smith** (ITS Leeds): “Is the “gold standard” really golden? Comparing the “within” and “between” estimators for estimation of economies of density in rail transport: An application from rail infrastructure maintenance data in France” (with K. Odolinski, P. Wheat & C.Dheilly)

**Diego Buitrago-Mora** (Universitat Autònoma de Barcelona): “Railroad network expansion, opportunity-base accessibility and population redistribution”

**16.45– 17.00 Break**

## 17.00 – 18.30 Session 3: Greening transport

**Stef Proost** (KU Leuven): “How to introduce electric trucks in the EU when battery development is uncertain” (with M. Börjesson)

**Jan Zental** (University of Mannheim): “The Impact of Environmental Taxes on Commercial Traffic and Its Environmental Consequences” (with A. Pfrang)

**Mirko Giagnorio** (Sapienza University of Rome): “Introducing electric buses in urban areas: effects on welfare, pricing, frequency, and public subsidies” (with M. Börjesson & T. D’Alfonso)

## DAY 2

### 9.00 – 10.30 Session 4: Railways and roads (2)

**Diego Candia** (Vrije Universiteit Amsterdam): “Who benefits from autonomous vehicles? Distributional and general-equilibrium effects in a monocentric city with heterogeneous households and tax interactions”

**Daniel Hörcher** (Imperial College London): “The optimal speed of rail: Velocity and its impact on fares, frequencies, and subsidies” (with R. Vickerman & D.J. Graham)

**Levke Jessen-Thiesen** (Kiel University): “Striking evidence: The impact of railway strikes on competition from intercity bus services in Germany” (with M. Beestermöller & A. Sandkamp)

### 10.30 – 11.00 Coffee break

### 11.00 – 12.30 Session 5: Transport and urban economics

**Luz Yadira Gómez Hernández** (Universitat Autònoma de Barcelona): “The next bus out: Urban public transportation and multidimensional poverty” (with A. García-Suaza & K.O. Muñoz-Martínez)

**Bruno da Rocha** (University of Lisboa): “The impact of building a motorway network on urban sprawl: causal evidence from Portugal” (with P. Melo, R. Colaço, J. de Abreu e Silva & N. Afonso)

**Daniel Ruiz** (Universitat Autònoma de Barcelona): “Optimal Transit Fares in a Spatial Quantitative Model: The Case of Barcelona”

### 12.30 – 12.45 Break

### 12.45 – 13.30 Keynote: Erik Verhoef (Vrije Universiteit Amsterdam):

“On Bathtubs and Bottlenecks: Theory and Empirics of Macroscopic Congestion Modelling”

**13.30 – 14:30 Lunch**

**14.30 – 16.00 Session 6: Air transport (2)**

**Kentaro Nakajima** (Hitotsubashi University): “Satellite-Based Vehicle Flow Data to Assess Local Economic Activities” (with E. Go, Y. Sawada & K. Taniguchi)

**Flavio Porta** (University of Bergamo): “The air transportation impact on tourism in Europe: A structural equation model” (with C. Bontemps & G. Martini)

**Jos van Ommeren** (Vrije Universiteit Amsterdam): “Intertemporal price discrimination: The role of competition” (with H. Zhang, A.I. Czerny & H.M. Niemeier)

**16.00 – 16.15 Break**

**16.15 – 17.45 Session 7: Transport pricing**

**Mattia Borsati** (Universitat de Barcelona): “Free rides to cleaner air? Examining the impact of massive public transport fare discounts on air quality” (with D. Albalade & A. Gragera)

**Juan Gómez** (Universidad Politécnica de Madrid): “Estimating the income and spatial equity impact of implementing a nationwide road user charging. Case study of Spain” (with K. González-Gómez, L. Tapiador & J.M. Vassallo)

**Albert Gragera** (Universitat Autònoma de Barcelona & IEB): “Spatial Price Competition of Off-Street Parking Operators and Curbside Regulation” (with S. Franco)

**17.45 Closing**