



POLITÉCNICA

SEMINARIOS (SEMINARS)

MÁSTER UNIVERSITARIO EN SISTEMAS DE INGENIERÍA CIVIL

-CURSO 2021/2022- PROPUESTA DE SEMINARIO (SEMINAR PROPOSAL)



UNIVERSIDAD POLITÉCNICA DE MADRID
ETSI CAMINOS, CANALES Y PUERTOS

Título (*Title*)

Key Drivers for Optimal Operation of Public Transport Systems

Ponente (*Lecturer*)

Professor Sergio Jara Díaz, Dep. Civil Engineering at Universidad de Chile

Professor Sergio Jara Díaz teaches in the Department of Civil Engineering at Universidad de Chile. He is a renowned Professor in Transportation, Economics and Mobility, being his field of research Microeconomics of Public Transportation, Evaluation of Transportation projects and Strategies for transportation pricing. His contributions of the use and value of design and pricing of transport systems have been disseminated in more than 100 scientific publications in international journals and books.

Resumen (*Abstract*)

The seminar will focus on identifying key drivers for an optimal public transport network. The analysis will be done from two different perspectives. (i) Operation: considering the design of the network and the pricing and, taking into account the importance of (ii) Users´ perspective and acceptance.

Programa (*Agenda*)

Day 1

Key drivers for optimal operation of public transport systems

Public transport network operation: time and pricing (1,0 h)

Users´ perspective and acceptance (1,0 h)

Day 2

A multidimensional evaluation of urban bus service performance in different contexts. Mentoring for students and project work explanation (2,0 h)

Evaluación (*Evaluation*)

- (i) Attendance to the seminar (40%)
- (ii) Report from students, which will be equivalent to 36 working hours (60%)