



DIPARTIMENTO DI INGEGNERIA CIVILE, EDILE E AMBIENTALE - I C E A
DEPARTMENT OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Trends and challenges in Urban Mobility - data, decision support and operations management

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Aula Seminari ex Image - Dipartimento di Ingegneria Civile, Edile e Ambientale
Via Marzolo 9

Abstract: lecture will describe some research and development projects for the design and management of mobility systems, emphasizing the importance of information systems for travelers, for transport operators and for policy makers.

We will discuss some research opportunities of a multidisciplinary nature that involve a growing integration of qualitative approaches with the traditional models of Operational Research, or increasingly sophisticated information and communication systems.

References will also be made to applications in urban mobility (public passenger transport, urban logistics) or to the increasing use of public information (open-data) with the co-creation of knowledge for a more efficient and sustainable use of transport systems.

A part of these research activities has been developed in the context of the Doctoral Program in Transportation Systems, University of Porto, in collaboration with researchers at MIT.