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Titolo: Optimization in transportation and logistics

Abstract: Technological changes have been dramatic in the last decades and are changing the way people move and goods are transported. Coordination opportunities are enormous. A systemic approach to problems and advanced analytical methods are even more vital than in the past.

In this talk, starting from the research carried out in the past, the main trends in the use of optimization models and methods for problems in transportation and logistics will be presented. As examples of these trends some research projects will be sketched including: optimization problems in urban distribution, collaboration in shared taxi services, rebalancing problems in bike sharing systems.