

Titolo del corso	Advanced optimization models and methods
Sottotitolo	Applications to planning complex consolidation-based freight transportation systems
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Abstract	The lectures address important network design planning problems in logistics and transportation, focussing on the tactical planning of consolidation-based systems - selection and scheduling of services, management of the necessary resources, revenue management considerations - in the context of both traditional systems and the new business and organizational models for logistics and transportation, e.g., City Logistics, Physical Internet, Sychromodality, ...
Elenco degli argomenti	<ul style="list-style-type: none"> • Transportation and logistics systems: consolidation, planning, network design • Service and schedule network design: Static and multi-period planning • Integrating resource and revenue management • "New" transportation and logistics systems with multiple stakeholders and resource sharing: City Logistics, Physical Internet, Sychromodality, ...