WAREHOUSE MANAGEMENT
- Process optimization
- Smart warehouse management
- Supervision of smart processes
- Cooperative robots: exoskeletons, handling and assembly tasks in collaboration with humans
- Autonomous robots (co-workers)
- AGV, autonomous vehicles
- Learning and task prediction via artificial intelligence
- Drones in the supply chain

GOODS TRANSPORT
- Shortest path: route optimization
- Study and optimization of the logistics chain
- Dynamic models of transport and management (land, air and maritime)
- Sizing of the logistics chain
- Robot-human collaboration
MOBILITY

- Learning systems and qualitative decision making
- Technology trends
- Social trends
- Predictive user studies
- Human-machine interaction
- Social inclusion/digital gap
- Prediction of passenger demand
- User acceptance
- Security

PASSENGERS

- Multimodal mobility strategies
- Big data and smart systems
- Mobility as a Service (MaaS)
- Autonomous and connected mobility solutions
- Drones: flow monitoring

CITY
SUSTAINABILITY

- Alternative propulsion systems
- Electric, wireless, hydrogen vehicle
- Energy efficiency, battery life cycle
- Robotics, artificial intelligence, sensor of interaction/optical recognition
- Circular economy (materials, etc.)

SECURITY

- Autonomous vehicle (security)
- Road safety and comfort

INFRASTRUCTURES

- Public transportation
  Ticketing
  New mobility services
- Demand prediction
- Sustainable urban design and accessibility
- Dynamic models of transport and management (land, air and maritime)
- Simulation of urban data (land use, dwelling, urban mobility plans) and virtual reality

CONTACT INFORMATION

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