

ILS

Information Systems,
Logistics and
Supply Chain



THEMATIC SESSION: TS10

Title: Implications of digitalization for urban freight transport decision support

Conference associated Topic: Smart and durable City Logistics

Organizers: Walid KLIBI (Kedge Business School, France) & Hugo YOSHIZAKI (U. Sao Paulo, Brazil)

Contact: walid.klibi@kedgebs.com

Abstract: Urban logistics planning and management has evolved in the last years, with the main trends in consumption, city developments as well as the explosion of Smart and mobile logics. In this context, sharing economies, collaboration and bike-based last mile transport seem to be the most popular trends, although not the sole. This special session focuses on the deployment of innovative practices in smart urban logistics as well as on the development of relevant decision support methods and tools to help the development of sustainable urban logistics systems. The session will focus on the following subjects, although other ideas in the field are welcomed:

- Smart cities, open data, real-time processing and decision support
- Data visualization in urban freight
- Multi-criteria modelling and analysis of urban freight transport
- Internet-of-things urban transport applications
- Urban logistics decision support systems
- Interconnected city logistics (Physical Internet-enabled)
- Innovative practices in E-commerce and retail last-mile transportation
- Case studies focusing on smart urban logistics

Keywords: *City Logistics, Smart Cities, Decision Support Systems, Collaborative Logistics, Land-Use*

