

ILS

Information Systems,
Logistics and
Supply Chain



THEMATIC SESSION: TS03

Title: Applications of Operations Research techniques to model and solve routing and scheduling problems in service industries

Conference associated Topic: Information and Decision Systems for Supply Chain Management

Organizers: Jose Francisco FERREIRA RIBEIRO (University of Sao Paulo, Brazil) & Julien FONDREVELLE, (INSA Lyon, DISP-lab, France)

Contact: jfr@fearp.usp.br, julien.fondrevelle@insa-lyon.fr

Abstract: The aim of this thematic session is to bring together innovative research in Operations Research applied to routing and scheduling problems arising in the following areas: transportation, supply chain, retail industry, outsourcing services to industries (assignment of agents), services to individuals or health care (particularly home healthcare services). The research works may focus on the creation of new models, taking into account specific characteristics of the problem, the development of innovative solution methods or the application to real-world situations. Case studies, showing the relevance of the application of Operations Research techniques in decision making, are especially welcome. This call invites researchers to submit papers related to the following topics (but not exclusively):

- Agent assignment problems
- Vehicle routing problems
- Activity planning and scheduling
- Timetabling
- Staff rostering

Keywords: *Operations Research, Assignment, Routing, Scheduling*

