2016 IEEE 19th International Conference on Intelligent Transportation Systems Rio de Janeiro, Brazil, November 1-4, 2016.

International Workshop on Simulation of Intelligent Industrial Transportation and Logistics Systems (WS06)

Important Dates

- Electronic submission of the workshop papers is due by July 4, 2016
- Notification of workshop papers acceptance is August 15, 2016.
- Camera-ready submission deadline: August 29, 2016

Paper Submissions Instructions

Papers accepted for the ITSC 2016's Technical Program will be included in the **Conference Proceedings to be published by IEEE** and made available in IEEE Xplore Digital Library. IEEE ITSC Proceedings are **indexed by major systems**, such as Scopus, Thomson Reuters' ISI WoS, and Engineering Village.

Selected papers of exceptional quality will be invited for submission to special issues of the IEEE Transactions on ITS and the IEEE ITS Magazine. Authors will be asked to revise their manuscripts according to the standards of the Transactions and the Magazine. Other journal and magazine destinations may be arranged for specific special sessions and workshops.

Submit your paper through: https://web.fe.up.pt/~ieeeitsc2016/?page_id=125.
Workshop code: 4ei61

Aim and Scope

Organizations are continuously trying to improve their competitiveness in several fields, which can be seen in the current context of the industry 4.0. The goods transportation inside and outside companies represents a significant fraction of the total costs. It is a transversal problem to most business organizations.

One of such problems is related to internal logistics, which is crucial for the performance of companies. In fact, an accurate and efficient internal logistics system is vital to ensure that the right materials are receipt on the right time and place and in the right quantities. This is a problem that comprises several thematic, such as intelligent

transportations. Its advancements can result from electro-mechanical physical devices (e.g. AGV – Automated Guided Vehicles), or conceptual logistics systems, such as milk runs (*mizusumashi*) and Kanban systems. Intermediate warehouses often support supply chains.

Simulation is one of the techniques that are being applied in many situations in this fourth industrial revolution, addressing problems related to transportation of goods (or even people). It can also be complemented with optimization techniques.

Specific Topics of Interest

Industrial Transportation;
Logistics
Internal Logistics (e.g. AGVs, Milk Runs, Conveyors, Kanban)
Supply Chain
Optimization
Intelligent Warehouses – storing and picking
Internet of things, on the move (industry 4.0)
Modelling and Simulation

Organizing Committee

Promoted by the Portuguese and Brazilian Association of Simulation (**APBS** – in portuguese: Associação Portuguesa-Brasileira de Simulação), being organized by the following members:

APBS
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