



Séminaire des étudiants du CIRRELT

Ana Maria Anaya Arenas

Étudiante au doctorat

Sous la direction des professeurs Jacques Renaud et Angel Ruiz



Helia Sohrabi

Étudiante au doctorat

Sous la direction du professeur Benoit Montreuil



Emergency Logistics: facts, challenges and perspectives

(Ana Maria Anaya Arenas)

ABSTRACT: The logistic deployment in response to disasters is a new and very popular trend of research in the OR/MS field. This discipline has captured the attention of both academic and practitioners around the world given the urgent need of an efficient relief distribution network, as well as the challenges that it represents in logistics' optimisation. In this talk I will be sharing some of the basis of the emergency logistics: why is it so important and why is everybody talking about it? I will also present a part of our current work that contributes to this area and some promising research opportunities.

Exploiting Physical Internet Enabled Open Distribution Web (Helia Sohrabi)

The recently introduced Physical Internet (Montreuil, 2009) empowers an interconnected web of open warehouses and distribution centers, called an Open Distribution Web (ODW). The open facilities refer to the fact their capacity and technologies are partially or completely available to be used in per-use basis by organizations other than their primary owner. Exploiting ODW, companies can deploy their products closer to their geographically distributed markets, and dynamically deploy them within this open web to adapt to the changing business environment, so as to offer fast, reliable and inexpensive service to their customers.

My current Ph.D. research investigates the way companies can exploit ODW and the potential efficiency and sustainability gains at stake. This opportunity assessment is essential, first in order to understand the order of magnitude of potential gains, and second in order to motivate public and private sectors to invest and participate in ODW innovation and elaboration, and then to exploit it for their distribution purposes. The research methodology and findings to date will be presented.

JEUDI

13 mars 2014, à 10h45

Salle 1609
Pavillon Palasis-Prince
Université Laval

Pizza et boissons gazeuses fournies

Réservé aux membres du
CIRRELT

Inscription obligatoire auprès de Pierre.Marchand@cirrelt.ca avant le 11 mars



UNIVERSITÉ
LAVAL



McGill



UNIVERSITÉ
Concordia
UNIVERSITY



UQÀM

HEC MONTRÉAL



POLYTECHNIQUE
MONTRÉAL

Université
de Montréal