



Séminaire du CIRRELT Seminar

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## LOGISTICS CONSIDERATIONS IN THE FOOD SYSTEM AND THE TRANSPORTATION OF PERISHABLE PRODUCTS

**Abstract:** Logistics plays a crucial role in the context of the food system. It facilitates the flow of products between countries and regions, establishes links between different actors in the chain and provides new opportunities to operate the system. The transition towards a more sustainable food system is, thus, highly dependent on logistics development, as well as better integration and planning of existing logistics approaches. The handling and transport of food, on the other hand, poses challenges for standard logistics systems due to health and safety requirements as well as the perishable nature of foods. In this seminar, I will provide an overview of important logistics considerations in the context of the food system before presenting a recently accepted research article on integrated logistics planning for perishable products.

**Bio:** Sonja Rohmer is an Assistant Professor at the department of Logistics and Operations Management at HEC Montreal and remains a visiting assistant professor at the Operations, Planning, Accounting and Control Group (OPAC) at the Eindhoven University of Technology. She completed her PhD in Operations Research and Logistics in 2019 at the Wageningen University, in the Netherlands, and holds an MSc degree with specialization in Computer Aided Decision Support from Polytech Tours, in France. Focusing on real-world applications of Operations Research approaches, her research interests are in the modelling and analysis of more sustainable supply chains, transportation systems as well as innovative logistics concepts. In this context, she focuses, in particular, on problems related to the future provision of food and the logistical challenges in an urbanizing world. This includes the study of last mile logistics and metropolitan solutions for food and perishables as well as the potential of new technology and innovative supply chain concepts within the context of food and agriculture.

**Zoom:** <https://polymtl-ca.zoom.us/j/85330602438?pwd=QXdrRWgydDJ6Y28vOTdyWWtQc3RhZz09>

MERCREDI / WEDNESDAY

11 mai 2022, 10h30  
May 11<sup>th</sup>, 2022, 10:30

Salle / Room 5441  
Pavillon André-Aisenstadt  
Université de Montréal  
ou/or Lien Zoom

Ouvert à tous / Open to all

Responsable / Organizer  
Martin Trépanier