



CIRRELT



Séminaire conjoint avec / Joint Seminar with
Chaire de recherche du Canada en analytique et logistique de soins de santé /
Canada Research Chair in Healthcare Analytics and Logistics

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OUTPATIENT CHEMOTHERAPY PLANNING

Abstract: In this seminar I will present series of works on ambulatory chemotherapy conducted in my research group Centre Ingénierie et Santé / LIMOS (Mines Saint-Étienne / CNRS).

In ambulatory chemotherapy centers, each patient follows an individual treatment plan that fixes dates for series of drug injections separated by recovery periods. The daily care process has three steps: consultation with the oncologist, drug preparation in the pharmacy and drug injection in medical beds. As drug injection varying considerably in duration – from 15 minutes to 6 hours – bad schedules lead to excessive overtime. Thus several decisions may optimize treatment plan adherence and resource utilization under uncertainty on disease progress and process duration: the oncologists' master schedule, the treatment plan starting day and the appointment scheduling.

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VENDREDI / FRIDAY

3 mai 2019 /
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Salle / Room 5441
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Université de Montréal

Ouvert à tous / Open to all

Organisatrice / Organizer
Nadia Lahrichi

