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Objet: ***AUJOURD'HUI*** : CSMQ / conférencier : Andrea Lodi
Date: 22 janvier 2016 09:10
À: activites@CRM.UMontreal.CA

COLLOQUE DES SCIENCES MATHÉMATIQUES DU QUÉBEC - Montréal
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DATE :
Le vendredi 22 janvier 2016 / Friday, January 22, 2016

HEURE / TIME :
16 h / 4:00 p.m.

CONFÉRENCIER(S) / SPEAKER(S) :
Andrea Lodi (École Polytechnique (Montréal))

TITRE / TITLE :
Big data & mixed-integer (nonlinear) programming

LIEU / PLACE :
[UQAM, Pavillon Président-Kennedy, 201, ave du Président-Kennedy, salle PK-5115](#)

RESUME / ABSTRACT :
In this talk I review a couple of applications on Big Data that I personally like and I try to explain my point of view as a Mathematical Optimizer -- especially concerned with discrete (integer) decisions -- on the subject. I advocate a tight integration of Data Mining, Machine Learning and Mathematical Optimization (among others) to deal with the challenges of decision-making in Data Science. Those challenges are the core of the mission of the Canada Excellence Research Chair in "Data Science for Real-time Decision Making that I hold.

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