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VARIOUS INDUSTRIAL OPTIMIZATION PROBLEMS

Abstract: This talk presents various industrial optimization projects in which the speaker and some of his PhD students were involved. Instead of investigating the technical details of a single project, the aim is to cover various operations management problems for which operations research can have a great impact. The speaker will discuss projects from the following fields: supply chain management, production, inventory management, transportation.

Note: Nicolas Zufferey is a full professor of operations management at the University of Geneva in Switzerland. His research activity focuses on designing solution methods for difficult and large optimization problems, with applications mainly in transportation, scheduling, production, inventory management, network design, supply chain management and telecommunications. He is member of the CIRRELT transportation and logistics research center (www.cirrelt.ca) and of the GERAD decision analysis research center (www.gerad.ca). He received his BSc and MSc degrees in Mathematics at EPFL (Swiss Federal Institute of Technology at Lausanne), as well as his PhD degree in operations research (2002). He was then successively a post-doctoral trainee at the University of Calgary (2003–2004) and an assistant professor at Laval University (2004–2007). He is the (co)author of more than 110 publications (papers in professional journals, proceedings of conferences, and book chapters) and has reviewed papers for 43 international journals. With 55 coauthors, he has had research activities with 22 Universities in Europe and America, as well as with 20 private companies.

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MERCREDI / WEDNESDAY

8 août 2018 /
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10h30

Salle / Room 5441
Pavillon André-Aisenstadt
Université de Montréal

Ouvert à tous / Open to all

Organisateur / Organizer
Jean-Yves Potvin