

AVAILABLE POSITIONS FOR PH.D. AND MASTER'S DEGREES

INTERURBAN FREIGHT TRANSPORTATION OPTIMIZATION

Several Ph.D. and M.Sc. positions are currently available within a large research project aiming at the development of innovative *operations research* models and tools for the planning and operation of interurban freight transportation systems. This project is conducted with the collaboration of an industrial partner with the dual objectives of advancing methodological knowledge in the area and developing effective management tools that will be implemented in practice. Most of the research activities will take place in Montreal, in CIRRELT (Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation).

Most of the project will focus on combinatorial optimization models and methods, especially under uncertainty. Part of the project will deal with the development of demand models, mostly discrete-choice ones, and revenue management methodologies. Students interested in the application of learning methods, especially machine learning, to analyse big data or to improve the performance of optimization algorithms, are strongly encouraged to apply.

Students involved in the project will receive financial support according to the practices of participating universities.

The research team is strongly committed to the equity, diversity and inclusion principles put forward by the Natural Science and Engineering Research Council of Canada and the participating universities. Accordingly, it particularly encourages women, members of visible and ethnic minorities, aboriginal people, and persons with disabilities to apply.

For more information, please contact:

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