

URBAN SYSTEMS LABORATORY**SEMINAR****DYNAMIC TRAFFIC MODELLING**

SALUTE Group at McGill University invites you to a seminar on dynamic modelling of traffic in downtown Montreal. The City of Montreal has developed a dynamic traffic assignment model, which forecasts traffic volumes and travel behaviour. The output from this model is used to evaluate the impact of alternative design and policy interventions to improve mobility in the downtown core.

Dynamic traffic models represent the state-of-the-art in evaluating transport policy alternatives. For instance, a dynamic model can forecast system wide impacts of allowing *Right Turn on Red* or restricting traffic on a street.

[Dynameq](#)® is a new breed of equilibrium dynamic traffic assignment model for simulating travel behaviour on large, congested networks. Dynameq gives transport planners a view into dynamic traffic conditions, and provides rational scenario comparisons where each vehicle travels along a particular lane, performs lane changes, and crosses signalized and unsignalized intersections. Congestion builds as queues spill across lanes and spill back through upstream intersections.

SPEAKER**Mr. Pascal Volet, ing., M.Sc.A.**

Mr. Pascal Volet is a transportation engineer with the City of Montreal. Mr. Volet specializes in developing traffic and transportation simulation models. A Civil Engineering graduate of McGill University, he has implemented several large scale transportation models in Quebec and abroad, as well as worked on numerous traffic impact studies. Mr. Volet's current work at the City evaluates various alternatives for improving the link between Ville-Marie and A-25. Mr. Volet uses Dynameq® to evaluate the impact of different alternatives, such as a freeway or an urban boulevard to improve mobility.

Date: Sept. 22, 05**Time: 3:00 P.M.****Contact****Murtaza Haider, Ph.D.****tel: 514.398.4079 or email**
murtaza.haider@mcgill.ca**Sign Up Now****Location Details**

815 Sherbrooke Street West
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Related Links<http://www.mcgill.ca/civil/><http://www.mcgill.ca/urbanplanning/><http://www.milute.mcgill.ca>

SALUTE Group at McGill University focuses on the *Systematic Analysis of Land Use, Transportation & Equity*. SALUTE Group operates out of the *Urban Systems Laboratory* in the [School of Urban Planning](#) at McGill University. The research team is developing the Montreal Integrated Land Use Transportation Econometric model. Details on the model are available at <http://www.milute.mcgill.ca>.