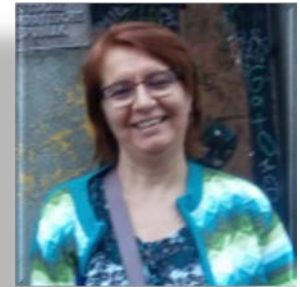




**Séminaire conjoint / Joint Seminar**  
Chaire de recherche du Canada en optimisation stochastique de systèmes de transport  
et de logistique / Canada Research Chair in Transportation and Logistics

**Gloria Cerasela Crisan**

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**INCLUDING GIS FEATURES IN TRAVELING SALESMAN PROBLEM**

**Abstract**

Industrial transportation problems may benefit today from integration of new data features. Traditional solving methods for academic optimization problems need to be adapted when GIS characteristics are considered in solving real-world situations, either by considering geographic specifications for data, or by using new formulae for the distance. At the border between Operations Research and Geoinformatics, this presentation focuses on modeling large area Traveling Salesman Problem instances with orthodromic (great circle) distance.

**Short bio**

- 1986 – BSc in Informatics, University of Bucharest, Romania
- 2003 – MSc in Applied Informatics, Dunărea de Jos University of Galați, Romania
- 2008 – PhD in Informatics, Alexandru Ioan Cuza University of Iasi, Romania
- 2008-2009 (1 year) – postdoc at UQAM, Montreal, Canada
- 2017 (2 months) – fellow researcher at IDSIA, Manno, Switzerland
  
- 2001-2004 – Assist. Professor, Vasile Alecsandri University of Bacău, Romania
- 2004-2016 – Lecturer, Vasile Alecsandri University of Bacău, Romania
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JEUDI / THURSDAY

17 mai 2018 /  
May 17th, 2018  
10h30

Salle / Room 5441  
Pavillon André-Aisenstadt  
Université de Montréal

Ouvert à tous / Open to all

**Organisateur / Organizer**  
**Walter Rei**

