Dynamic vehicle routing problems: Models, Methods and Applications

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Overview

We are seeking candidates for a 2-year post-doctoral fellowship position to work at the Institute of Computing (www.ic.unicamp.br/en), University of Campinas, Unicamp (www.unicamp.br/index.php/english), Campinas, SP, Brazil.

This fellowship is part of a Project, entitled Logistics 4.0: technologies for flexible and eco-efficient logistics funded by the São Paulo Research Foundation (Fapesp). The project is a collaboration between University of Campinas (Brazil), University of Porto (Portugal) and INESC TEC (Portugal).

Goals

2. Development of approximate, metaheuristics and matheuristics algorithms to address larger instances of the problem.
3. Access the applicability of the developed methods in large instances and in real world instances based on a large european retail company.

Specifications

The candidate must have a PhD in Computer Science, Operations Research, Applied Mathematics or in a related field. The candidate must have finished the PhD less than seven years before the beginning of the PD fellowship. The candidate should demonstrate solid background in integer programming, heuristics and meta-heuristics. Knowledgement in stochastic programming is highly desirable.

The candidate is expected to interact with other members of the project including, masters and PhD students, and professors.

Fellowship

The post-doctoral fellowship includes a monthly stipend of R$ 7,373.10 (about USD 1,900 and EU$ 1,700), access to the health-care system of Unicamp, and research contingency funds (15% of the annual value of the fellowship, each year). For more details, check out Fapesp's webpage http://www.fapesp.br/en/5427.
How to Apply

The candidate must send by email until September 15, 2019 the following documents:

1. Curriculum vitae with a list of publications, and previous experience.
2. A recommendation letter from a previous supervisor.
3. A motivation letter for the application.

All documents must be sent to Flávio K. Miyazawa at fkm@ic.unicamp.br

About Campinas

1. Campinas, the most surprising city of Brazil  
   https://youtu.be/nool_9y02vE
2. University of Campinas (Unicamp)  