Call for Papers. Journal of Heuristics

Special issue on Recent Innovations in Vehicle Routing Problem and Logistic Optimization

VeRoLog is the Working Group on Vehicle Routing and Logistics Optimization within EURO, the Association of the European Operational Research Societies. This special issue follows the VeRoLog 2019 conference organized in Seville (Spain).

The Vehicle Routing Problem (VRP) is a well-known optimization problem in which a set of vehicles is located at a depot to deliver discrete quantities of goods to a set of customers. The objective is to minimize the overall transportation cost. The solution of the classical VRP is a set of routes beginning and ending at the depot, and which satisfies the constraint that all the customers are served only once. Nevertheless, most of real world problems are much more complex than the classical VRP. Therefore in practice, it is needed to include additional constraints to the classical VRP and the objective function can be different to the classical one and also, more than one objective function (usually in conflict) could be considered.

Most of researches use heuristic approaches to deal with VRPs given the limitations of the exact methods. In the last years, heuristics, metaheuristics and matheuristics have successfully solved a large number of problems.

This Call for Papers for a special issue of the Journal of Heuristics (JoH) responds to the growing interest of the research community in the VRP and its solutions methods. This call is devoted to submissions on theoretical, methodological or applied aspects of VRP. The objective of this special issue is to present recent advances in the methodology and novel applications in theoretical or practical routing problems and their variants. Although this special issue is linked to the 7th meeting of the EURO Working Group on Vehicle Routing Problem and Logistic optimization (VeRoLog

2019), which will be held in Seville, Spain, June 3-5, 2019, this Call for Papers is open to the entire community of academics and practitioners.

The deadline for papers submission is September 15th, 2019. Each paper will be peer-reviewed according to the editorial policy of the Journal of Heuristics. We encourage the authors to review the policy statement in the "For Authors and Editors Section" of the journal's homepage (http://www.springer.com/mathematics/applications/journal/10732) before submitting. Papers should be original, unpublished, and not currently under consideration for publication elsewhere. They should be prepared according to the instructions to authors that can be found in the journal homepage. Authors should upload their contributions using the submission website https://www.editorialmanager.com/heur/default.aspx, indicating that the paper is intended for this special issue. Notice that the editorial policy for special issues on the Journal of Heuristics limits the maximum size of the volume to a somewhat small number of papers. Therefore, authors should expect a highly selective process. Inquiries should be directly sent to either of the Guest Editors in charge of this special issue: Ana D. López-Sánchez (adlopsan@upo.es), Alfredo G. Hernández-Díaz (agarher@upo.es) and Julián Molina (Julian.molina@uma.es).

All contributions will be peer reviewed. The proposed timeline for this special issue is as follows:

- Deadline for the submissions of manuscripts: September 15, 2019

- Target date for the completion of the first round of reviews: December 15, 2019

- Target date for sending the accepted manuscripts to the publisher: March 1, 2019

Guest Editors:

Ana D. López Sánchez (adlopsan@upo.es) Universidad Pablo de Olavide, Spain

Alfredo G. Hernández-Díaz (agarher@upo.es) Universidad Pablo de Olavide, Spain

Julián Molina (julian.molina@uma.es) Universidad de Málaga, Spain