

evotranslog²⁰¹¹

5th european event
on evolutionary computation
in transportation
and logistics

27-29 april 2011
torino – italy
www.evostar.org

submission deadline
* 22 november 2010
notification to authors
* 7 january 2011
camera-ready deadline
* 1 february 2011

The impact of transportation and logistics on the modern economy and society has been growing steadily over the last few decades. The worldwide division of labour, the connection of distributed production centres, and the increased mobility of individuals lead to an increased demand for efficient solutions to problems in transport, logistics, and supply chain management.

Along with the development of more powerful computer systems, design and optimisation techniques like evolutionary computing approaches have been developed that allow us to use computers for the systematic design, optimisation, and improvement of systems. **evotranslog**, Evolutionary Computation in Transportation and Logistics, addresses all aspects of the use of evolutionary computation, local search, matheuristics and other nature-inspired optimisation and design techniques for transport, logistics, and supply chain management.

evotranslog gives researchers in the above-named fields, as well as people from industry, an opportunity to present their latest research and to discuss current developments and applications, besides fostering closer future interaction between members of different scientific communities.

areas of interest and contributions

Relevant application topics include (but are not limited to):

- * transportation and supply networks;
- * logistics;
- * supply chain management;
- * freight and passenger services;
- * tracking and tracing;
- * fleet and order management;
- * modelling and traffic management;
- * traffic simulation;
- * individual and public transportation;
- * inventory optimisation;
- * routing and scheduling.

publication details

Accepted papers will appear in the proceedings of **evo***, published in a volume of the *Springer Lecture Notes in Computer Science*, which will be available at the Conference.

submission details

Submissions must be original and not published elsewhere. The submissions will be peer reviewed by at least three members of the program committee. The authors of accepted papers will have to improve their paper on the basis of the reviewers' comments and will be asked to send a camera ready version of their manuscripts. At least one author of each accepted work has to register for the conference and attend the conference and present the work.

The reviewing process will be double-blind, please omit information about the authors in the submitted paper. Submit your manuscript in Springer LNCS format.

- * Submission link:
<http://myreview.csregistry.org/evoapps11>
- * Page limit: 10 pages.

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