At the Chair of Logistics and Supply Chain Management of TUM School of Management we are looking for an interested and qualified student to conduct his/her project study on the topic:

**Market analysis of routing software**

The vehicle routing problem is one of the classical optimization problems in operations research. The goal is to cluster a set of customers into groups. Each group has to be served by one vehicle and within each tour an optimal tour should be performed.

In practice, especially it is especially important to ensure a large set of constraints like time-windows at customers. Because of the complexity of solving the problem, many companies offer software applications to find efficiently good solutions.

The goal of the project study is to analysis the current market of routing software. The team should compare the different software packages and identify benefits of the different solutions.

**Selected research tasks:**
- perform a market analysis
- compare the different available VRP solvers
- give interim and final presentations
- writing a report

**Requirements:**
The project study is for students of the study-program TUM-BWL. Qualified candidates have a major in Supply Chain Management. The ability to work independently as well as analytical skills are required. The thesis should be written in English.

Begin: as soon as possible

Advisor: Dr. Pirmin Fontaine

Application: Email with curriculum vitae and transcripts of records to logtheses.wi@tum.de