

New generation carpooling

Proposed by Wever & Inria

Wever is an innovating start up offering a carpooling service that rewards both drivers and passengers. The problem at stake is the following: Finding optimal routes that take into account carpooling demands, traffic constraints and user defined points of interest. This project aims at improving the optimization method currently used by Wever, in particular by modelling and integrating new types of constraints. The project is intended for a 6 month internship and will be located either in Sophia Antipolis or in Mandelieu.

Keywords. carpooling, optimization, graphs

Profile. Candidates should have a good background in applied/computational mathematics (M2 level).

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Wever: The social network that reinvents carpooling and sets you at the heart of the process. Wever connects in real time drivers and passengers sharing the same routes in the city, gathers people around common activities and interests, and optimizes car rides. Carpool, save time, save money, meet new people and act for the environment. wever.fr

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