

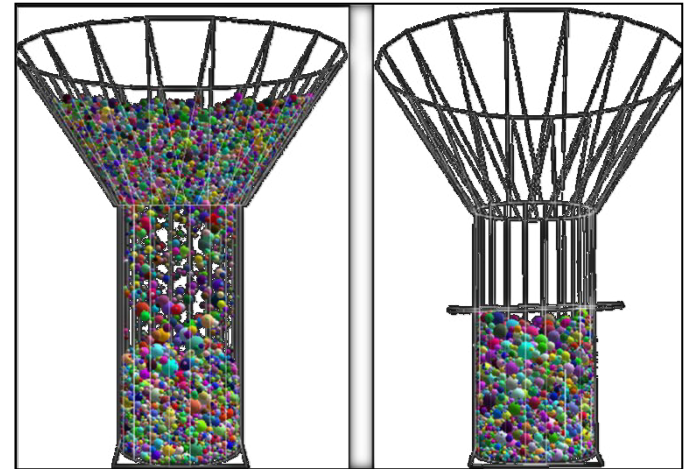
Bachelor/Master thesis

Topic:

Initial Investigation using ABAQUS to simulate the process of compacting asphalt mixtures in laboratory

Contact persons:

Dr.-Ing. Pengfei Liu



Subject:

Firstly, the feasibility of DEM simulation in finite element software ABAQUS will be studied. And then a simplified numerical model will be created for simulation of the process of compacting asphalt mixtures in laboratory. After a series of adjusts, the computational results will be verified by experimental data. Finally, different operation parameters will be adopted and the corresponding results will be compared.

Possible start time:

Immediately for preparation