

# Bachelor/Master thesis

## Topic:

Initial Investigation using ABAQUS to simulate the process of paving asphalt mixtures during construction

## Contact persons:

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## 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 paving asphalt mixtures. 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

