Our Department
Fluid Power Components
offers a
Thesis
on
Development of an in-house hydraulic network solver

Pipelines are an integral part of any industry where fluid needs to be transferred. And hence, it is important that the flow rate and the pressure is efficiently regulated.

The various components present in the network show wavering characteristics due to the altering fluid properties, and hence, the corresponding losses have to be calculated beforehand.

To accomplish the aforementioned task precisely, development of an inhouse solver is being undertaken.

Your Tasks:
- Review the State of the art and conduct Literature Study
- Implementation of logic and code development in Matlab/Simulink
- Validating the code with experiments and/or testcase

You bring:
- Basic Matlab/Simulink knowledge and tons of Motivation

We offer:
- Good and friendly working atmosphere with active Supervision
- Unlimited coffee and soda to keep you alive and kicking especially under stressful periods