University of Stuttgart
Germany

SUPER – Stuttgart University Program for Experiencing Research
Project Information

Institute's Information

Name of Institute	Institute for Chemical Process Engineering
Contact Person	Andrej Grabowski
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Duration of Project/Number of Students

June/July	
June/July/August	both possible
Number of Students	1

Name of Project Development of a Membrane Characterization Method

Beneficial Skills & Knowledge Chemical Engineering; Physical Chemistry, or similar

Description of Work

Institute for Chemical Process Engineering develops new membranes and works on improvement of the test methods for their characterization.
For the development of the new test cell and method an experiment series must be designed, performed and statistically analyzed.

The tasks in this project are:

- Preparing Design-of-Experiments.
- Experimental investigation of membranes in laboratory.
- Analysis of experimental data.
- Evaluation and validation of the developed method.
- Preparing standard operating procedure.

For those who are willing to unleash creativity, get responsibility and act hands-on!
You're welcome to join our team and actively participate in exciting development projects.