



WIR LEBEN WISSENSCHAFT
WE LIVE SCIENCE
ŻYJEMY NAUKĄ

b-tu Brandenburgische
Technische Universität
Cottbus - Senftenberg

Lehrstuhl Numerische Strömungs- und Gasdynamik
Prof. Dr.-Ing. Heiko Schmidt

Master Thesis Topic:

Heat and mass transfer in electrolyte fuel cells

Start: flexible / immediate

➤ **Regarding the work:**

- Possible tools to carry out the investigation are OpenFOAM, Fluent, Ansys and In-house developed software. Reference literature and details regarding the work carried out at the chair can be found at <https://www.b-tu.de/fg-stroemungsmodellierung>
- Post-processing and comparison of the simulation results must be done considering pre-existing literature.

➤ **Necessary background:**

- Successful completion of the module CFD Project is highly recommended.

➤ **Contact person: M. Sc. Tommy Starick**

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