

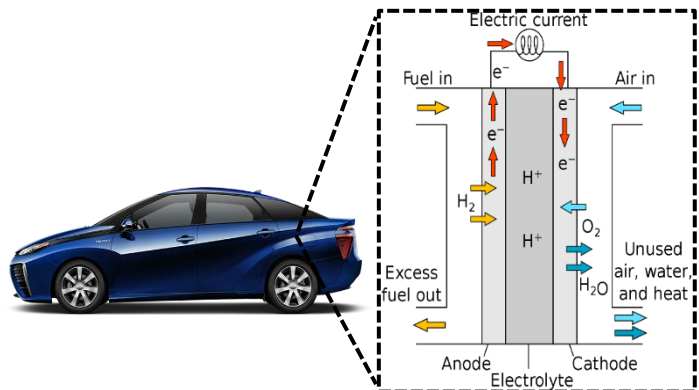
The junior research group "Electrochemical Energy Systems" works on fuel cells, batteries and electrolyzers. The group is dedicated to integrating latest material developments into state-of-the-art electrochemical energy systems. We are looking for a

Student assistant (m/w/d)

in the area of

Development of Proton-Exchange Membrane (PEM) Fuel Cells

Fuel cells are electrochemical device that convert chemically stored energy in hydrogen and oxygen into electrical power and water. In the 2000s, PEM fuel cells are first employed in buses, cars and planes. Nowadays, automotive companies such as General Motors, Honda, Hyundai and Toyota plan to produce hydrogen vehicles on large-scale to replace internal combustion engine vehicles. However, the cost of PEM fuel cells remains high and there are still some environmental concern with the polymer electrolyte. Under these circumstances, developing PEM fuel cells with high performance, yet with low cost and no environmental issues is highly relevant for fuel cell research. For this purpose, we are looking for a motivating student to help manufacturing and characterizing PEM fuel cells in lab-scale. You will be working in close collaboration with our PhD-students. Laboratory work and office work are balanced.



Your profile:

- You are a student in a STEM related program
- You are interested in sustainable energy storage and FCEVs
- You have knowledge in electrochemistry
- You have experience in lab work and with data analysing softwares (e.g. MATLAB, Origin,...)

We offer:

- a multidisciplinary, intercultural team
- an attractive workplace in a modern, excellently equipped and industry-oriented research institute
- flexible working time: 20 – 30 h/month
- working language: English or German

If you are interested in this position, please send your application including CV, transcript of records and short motivation letter via e-mail to

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