

Structured Ag-based electrodes as oxygen-depolarized cathodes

Period: Nov-2016 to Nov-2019

Funding: DFG

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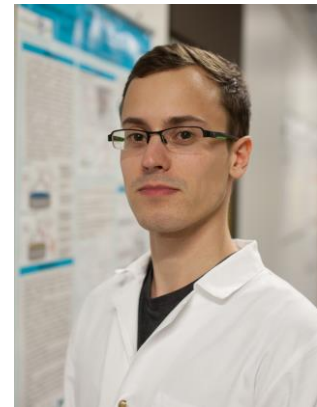
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Project Summary

The main aim of the DFG-funded research unit **FOR-2397** is to get a better understanding of the processes taking place on **oxygen-depolarized cathodes (ODC)**.

The aim of my sub-project is to fabricate specifically structured electrodes as **oxygen depolarized cathodes**. Therefore, I am using the **electrospinning** technique as a versatile method to prepare electrodes consisting of thin fibers. By variation of the process parameters and addition of reactive materials for the **oxygen reduction reaction**, we investigate the correlation between the structure and the performance of the electrodes (**ODC**).