

New team member for the CO₂ reduction team

Steffen Lechner started on June 1st

Welcome, Mr. Lechner!

CO₂ reduction is a key topic of the Department of Functional Materials. Besides the collaboration with the Roth group, previous works of Andreas Engelbrecht and later Yannick Jännsch laid the foundation to achieve exceptionally high current densities in combination with both a high selectivity towards Ethylene and a high long-term stability.

We are pleased to announce that Steffen Lechner, M.Sc., will join our group as a project engineer and doctoral researcher. In his work, he will focus on developing solutions to further enhance both long-term stability and selectivity under real-world conditions.

Steffen Lechner began his academic career in 2019 by studying “Materialwissenschaften und Werkstofftechnik” at the Faculty of Engineering Science at the University of Bayreuth. After completing his bachelor’s degree, he continued in the master’s program in “Materialwissenschaften und Werkstofftechnik” at Bayreuth university. During his master’s thesis, he already focused on CO₂ reduction. He will now further advance this work by improving the system through a new design and an innovative mode of operation.



Steffen Lechner in his office.