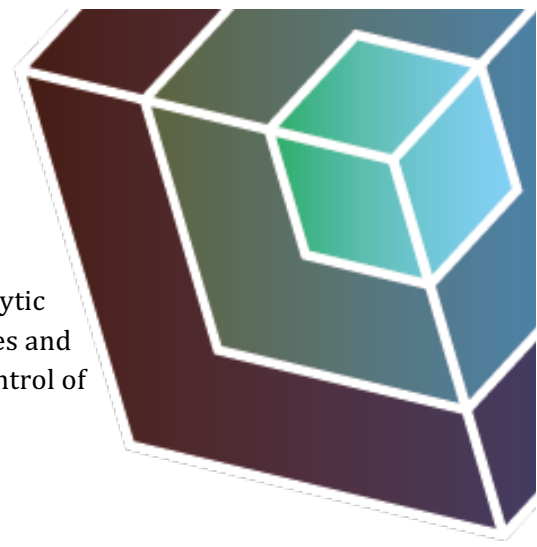


**Project: Microscopic study of the initial stages of electrolytic gas production at catalytic surfaces**

“In this project, we will investigate the gas evolution under electrolytic conditions, with the primary aim to control the formation of bubbles and their release from a catalytically active surface. Electrochemical control of the catalytic surface allows optimization of its efficiency.”

*Edwin Dollekamp (UT)*



**Can you do a short presentation about you?**

My name is Edwin Dollekamp and I am 28 years old. I did my bachelor and master in Applied Physics at the University of Twente. After that I continued with doing a PhD at the same university, in the Physics of Interfaces and Nanomaterials group. I'm currently in my third year.

**Would you advice a friend to come to the Netherlands?**

Yes! It is a good place to live and the people are friendly. Also the universities are of a high level.

**How/why did you finish in Enschede?**

I chose to study in Enschede because it was closest to my parent's place (Nijverdal). For my PhD, I applied for a position at the same university where I studied.

**How did you become interested in science?**

I was always interested in how things work.

**Did you know right away that you wanted to be a research scientist?**

No, my interest in research grew along my bachelor and master study.

**What do you enjoy the most about your research?**

Doing experiments in the lab.

**What is your biggest motivation?**

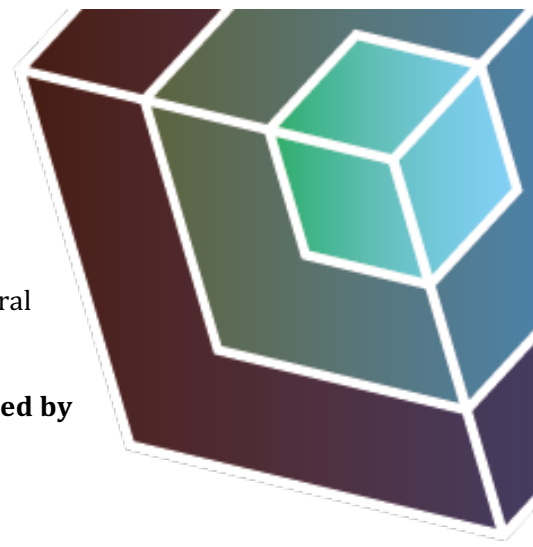
Discovering new phenomena in physics.

**How do you see yourself fitting in the MCEC project?**

My project is focused on the study of nanobubbles. These bubbles block catalytic surfaces. By getting more control over the formation of these bubbles, catalytic reactions will be improved.

**If you had a time machine and 2 beers, with which scientist would you like to meet?**

Einstein, since he was one of the greatest minds in physics.



**What is the most memorable "Eureka" moment in your life (not necessarily connected to science)?**

When difficult measurements finally succeed after several months of trial and error.

**Which scientific term/phenomena you think is the most misused by media?**

The confusions of a physicist with a physician.

**What do you like to do in your spare time?**

I mostly like to do sports. I currently do triathlon, breakdance and mountain biking. I also like to relax by watching series and movies.

**Is science the answer to everything?**

Yes.

**What do you want to do after finishing your PhD?**

Continue as a postdoc, or working at an R&D department of a company in the area of physics.