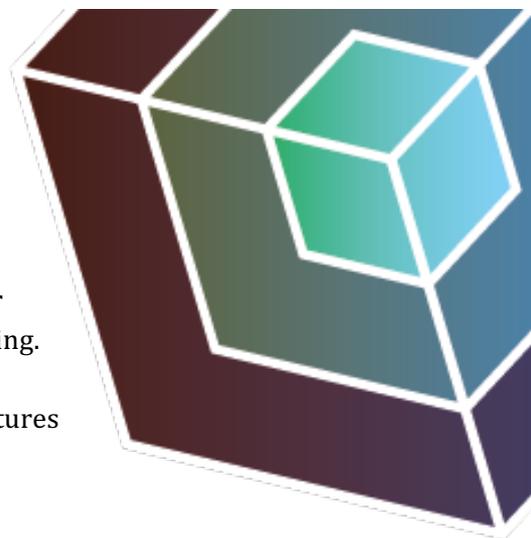


Project: Colloidal copper sulfide nanocrystals for photocatalytic applications

“Membranes based on self-assembled chalcogenide semiconductor nanocrystals are studied for their use in photocatalytic water splitting. This approach uniquely allows to tune nanoscale properties of individual nanocrystals, while on the larger scale stable superstructures can be formed.”

Christa van Oversteeg (UU)



Can you do a short presentation about you?

I'm Christa van Oversteeg, 25 years old and I grew up in a small village in the north of the Netherlands. I moved to Utrecht when I started my bachelor in chemistry and still live there. I started my PhD at Utrecht University in November 2015.

Would you advice a friend to come to the Netherlands?

Yes, I think it's a nice and welcoming country.

How/why did you finish in Utrecht?

I started my Bachelor here and as I liked the city and the university I decided to stay for my Master degree and eventually also my PhD.

How did you become interested in science?

As far as I can remember, I was always eager to learn new things and understand how things work. I also had a very enthusiastic and motivating chemistry teacher in high school.

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

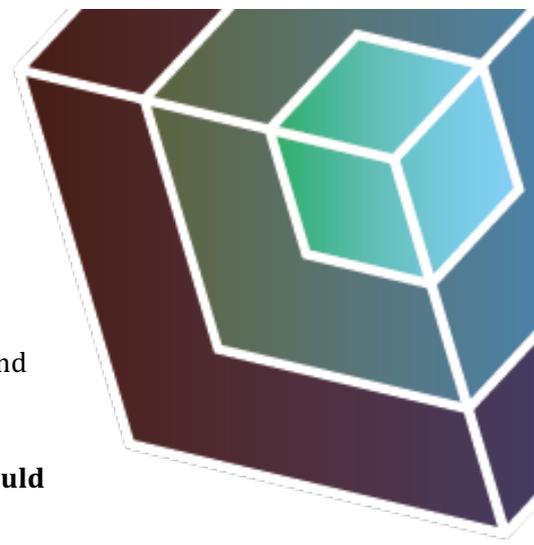
No, I was doubting if it was for me until I did my master research project and found out that I liked doing research.

What do you enjoy the most about your research?

I like the diversity of the work, there is always something new to learn.

What is your biggest motivation?

Learning new things and finding new answers.



How do you see yourself fitting in the MCEC project?

My project is a collaboration between two research groups in Utrecht, where I synthesize nanoparticles in one group and test them on photocatalytic activity in the other.

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

Marie Curie.

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

Chemicals, I think for many people this refers to something negative.

What do you like to do in your spare time?

In my free time I like to do sports, read books and cook and bake (and then of course eat it afterwards).

Is science the answer to everything?

No, but it certainly helps.

What do you want to do after finishing your PhD?

First I would like to travel for some time and then I think I would like to work in R&D for a company.