

Project:**Single catalyst particle diagnostics: Integrating impedance sensing and sorting**

“Recent studies indicate that heterogeneous catalysts show tremendous variation in structure and performance, both between and within single particles. In this project, with the use of impedance spectroscopy and microfluidics a platform is developed to analyse single particle characteristics online.”

Miguel Solsona (UT)

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

I am Miguel Solsona, a PhD student from University of Twente. I grew up and lived for 25 years in Barcelona, then in Italy, Germany and now in Enschede!

How is living in The Netherlands as a foreigner?

It is quite great. I love the Dutch culture but not so much the food and weather! Anyway, I think it is a very good country to do research!

Would you advice a friend to come to the Netherlands?

It depends on the person and the place. Some people would love to live in small cities but others, especially those coming from the south, would go crazy! (Not me.)

How/why did you finish in Enschede?

I finished in Enschede just for the PhD!

How did you become interested in science?

After doing my master thesis in a research center in Barcelona, I worked in two different companies and found out that I enjoyed a lot more academia.

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

Nope!

What do you enjoy the most about your research?

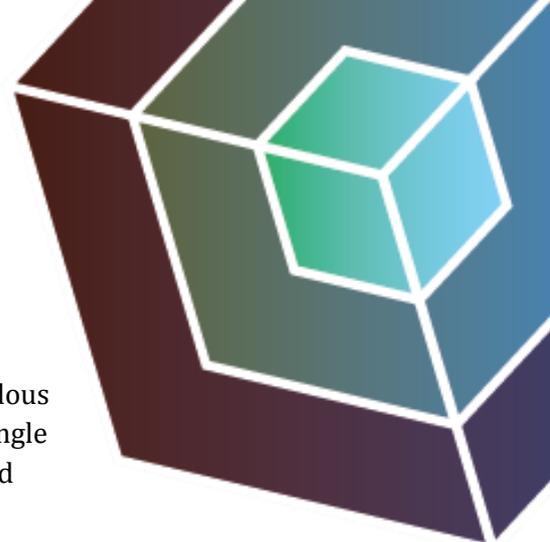
Doing things that nobody has done before!

What is your biggest motivation?

To have an enjoyable life!

How do you see yourself fitting in the MCEC project?

Being a chemical engineer in a micro-nanotechnology group opens a lot of new insights.



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

Nikola Tesla.

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

I had a couple of Eureka moments when some of my ideas worked even though some people told that they never were going to work.

What do you like to do in your spare time?

I like to play football, climbing, playing tennis and some other sports. I also love travelling.

Is science the answer of everything?

Not yet.

What do you want to do after finishing your PhD?

I would like to continue in academia but I don't know where.

