



### Interview with Jiangtao Lu (TU/e)

**Project:** MC-DNS Study of Coupled Heat and Mass Transfer with Catalytic Surface Reaction  
*“Modelling of the reactants and products flow around catalytic particles as well as the intra-particle transport and the reactions occurring there. Real catalytic processes can be optimized based on the prediction of this computer simulation.”*

- 1. Can you do a short presentation about you?**  
Jiangtao Lu, from China, working as a PhD in the group of Multiphase Reactors in TU/e.  
Project focuses on computer simulations.
- 2. How is living in The Netherlands as a foreigner??**  
Perfect, beautiful country, friendly people, open culture.
- 3. Would you advice a friend to come to the Netherlands?**  
Yes, even if you only speak English.
- 4. How/why did you finish in Utrecht, Eindhoven or Enschede?**  
Eindhoven: Strong research background in my field.
- 5. How did you become interested in science?**  
Not only want to know “what”, but “why” is more attractive to me.
- 6. Did you know right away that you wanted to be a research scientist?**  
Yes, I want to be more professional in my field.
- 7. What do you enjoy the most (what is the most exciting thing) about your research?**  
Some innovative technique never done by other people before.
- 8. What is your biggest motivation?**  
The knowledge and experience developed through PhD study.
- 9. How do you see yourself fitting in the MCEC project?**  
Realize lab-scale invention in industrial production and thus could be applied in people’s daily life.

10. **If you had time machine and 2 beers, with which scientist would you like to meet?**  
Nikola Tesla.
11. **Which is the most memorable "Eureka" moment in your life (not necessarily connected to science)?**  
Figure out the optimal solution.
12. **Which scientific term//phenomena you think is the most misused by media?**  
"scientifically", because sometimes they don't actually understand, they are just using the big flag to jerk people around.
13. **What do you like to do in your spare time?**  
Travelling and cooking.
14. **Is science the answer of everything?**  
Yes, everything has its reason and can be explained by science.
15. **What do you do after leaving the university??**  
Find a position in industry.