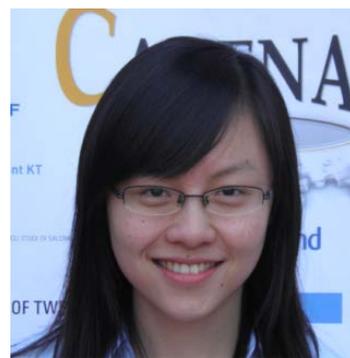


**Interview with Nanyi Wang**  
*PhD Student, Leibniz University of Hannover*

*I am from China and now working as a PhD student in Prof. Caro's group in Leibniz University Hannover. I have stayed in Germany for more than seven years. At the beginning I came to Germany as an exchange-student to get a bachelor degree in Reutlingen University. Then I decided to stay here longer and learn more. I have got my master degree in Hannover and have started my PhD in the same group at the beginning of 2012 and will probably finish it in one year.*



**Where do you come from and what has your training been so far?**

I have finished my master thesis also in Prof. Caro's group, and I have found that this subject was interesting and hoped to learn more about it in this nice group. Our professor is amiable, and he always gives us opportunities to learn different things, and our colleagues are kind and helpful. Now I have been gradually trained how to do the research, to have new ideas and to write papers.

**What is your PhD project about? What objectives do you have to reach?**

My PhD project is about using the porous membranes for water separation from the other gases to support the production of DME and DMC. Our aims are to develop temperature-stable membranes to separate the water from H<sub>2</sub>, CO<sub>2</sub>, methanol, DME and DMC.





# CAtalytic membrane REactors based on New mAterials for C1-C4 valorization

CARENA is a large-scale integrating project funded by the EC

## What is the best thing about taking a PhD? How challenging is it?

The best thing about taking a PhD is that I can still learn a lot during the three years. The PhD process is not only a kind of work, but also a kind of study. In the three years, I can slowly realize which job is more suitable for me, and I am also more experienced and professional to accept the new challenge.

## What did you learn your participation to national/international events during your PhD?

I have learned how to cooperate with the other groups and communicate with the other people with different cultural background, which can help me to practice my English and to improve the ability to coordinate things.

## Do you have some advice to master/engineer students considering taking a PhD?

Before the start of a PhD, you must consider about your passion of the research, choose a subject which you are interested in, and be physically and mentally ready for hard working and high pressure.

## What are your plans after completing the PhD?

So far I have decided to try to find a job in a company in Germany, to see if my research capacity can make contribution to industry.

*Thank you for answering my questions,  
and all the best for CARENA.*

*Interviewed by Sadika Guedidi*

### CARENA in brief

Starting date: 1st June 2011

Project duration: 2011 – 2015

Number of partners: 19

Coordinator: Arend de Groot, ECN, the Netherlands

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