

# Report of Visiting Ludwig-Maximilians-University in Germany

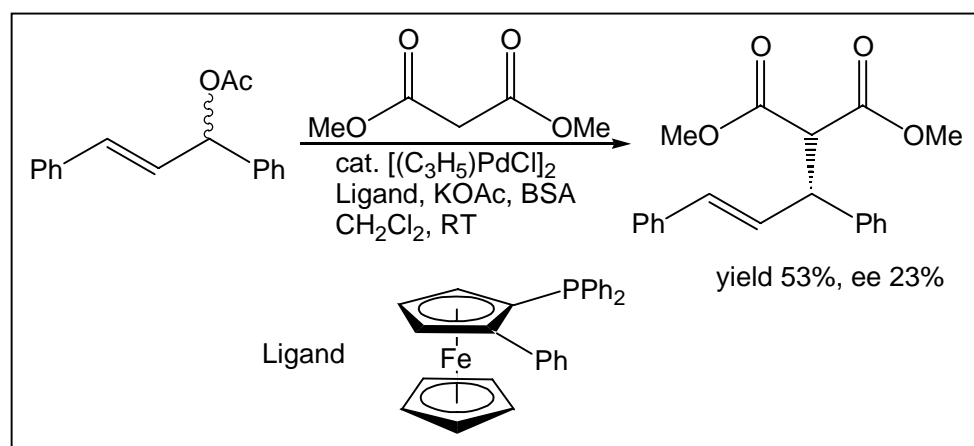
Shinsuke Nii

I went to the laboratory of Prof. Dr. Paoul Knochel at LMU (Ludwig-Maximilians-University) in Germany for three months to research "The Organic Synthesis Reaction Using Transition Metal Catalyst". When I visited Germany, there is much snow on the ground and it is colder than Osaka.



The left picture was Neuschwanstein Castle. It is very famous castle in all over the world. So I visited there and I noticed a difference of culture from the structure of building. And the view of castle was perfect match for the surrounding scenery. Furthermore there are many beautiful scenery and buildings those are not in Japan.

Prof. Dr. Paoul Knochel has many research subjects. I was attached to the group which synthesizes the chiral ferrocenyl ligands and catalytic asymmetric reactions using them. A part of the result is shown below.



I synthesized a ferrocenyl ligand and carried out a catalytic asymmetric allylation. This result is not good and this means the ferrocenyl ligand is not effective in this reaction.

On the other hand, there are many foreigners in that laboratory. (English, Greek, Russian, Chinese, French, of course German) So it was a wonderful opportunity for me to come in touch with foreign cultures. I learned many customs and made friends there.



This picture was taken in Knochel's home. The right end person is Prof. Knochel and the next person is me. He is a very kind and honorable person. He taught me a lot of things. So I am thankful for his kindness.

Finally this opportunity is very profitable for me, so I recommend all people, who read this report, to study abroad.