
ICR-iJURC Report

Research visit at Ono's lab

Rick Schouwenaars – 2nd Master, Eindhoven University of Technology

As part of my curriculum in the Netherlands it is encouraged to perform research at an international institution or university. As it has always been my dream to visit Japan, I got into contact with Professor Ono, and we arranged that it would be possible for me to work in his research group together with his colleagues. Thanks to the ICR-iJURC program and Professor Ono, I had the opportunity to make this dream a reality, for which I am very grateful.

At the ICR on the Uji campus I worked together with Professor Karube and Chih-Hsiang Tseng (who is a PhD candidate) on the topic altermagnetism. This research consisted of fabricating and subsequently analyzing thin magnetic nanofilms, where the goal was to use the build heterostructure in a field-free switching experiment, which would contribute to further developments and innovations in the field of spintronics. Thanks to the help of professor Karube and Chih-Hsiang this was a very fruitful research on which I am proud to look back on.

Thanks to this opportunity I was also able to travel a bit in Japan and experience what a beautiful country it was, during my visits to famous highlights such as Tokyo, Osaka and Nara for example. Kyoto and the surrounding mountains of Uji were astonishing and just biking to university each morning filled me with joy. Moreover, I have also great memories thanks to the fun activities we did in the research group, such as eating together or sport activities, such as the tennis or table tennis tournaments.

Finally, I would like to take this moment to thank Professor Ono and Yuko Tanaka for their help in arranging this visit as well as their support during my stay. And I would like to thank the rest of the research group as well for their kind welcome! Arigato Gozaimasu!

