



**JSPS Program for Advancing Strategic International
Networks to Accelerate the Circulation of Talented Researchers**
Global Networking on Molecular Technology Research

【Vol.1】 Report from Hiroyoshi Momida

I am visiting the Forschungszentrum Juelich (FZJ, Research Center Juelich) in Germany from January 2017. FZJ is one of the largest scientific research centers in EU. I belong to the Peter Gruenberg Institute and the Institute of Advanced Simulation (the division of Quantum Theory of Materials, PGI-1/IAS-1), and work with Prof. Dr. Stefan Bluegel and his group members. Soon after my arrival at the lab, Prof. Dr. Bluegel kindly arranged individual meetings with each lab member to get to know them and their work. There are approximately more than 60 members in our group, and I very much enjoy fruitful discussions with them, learning new things every day. Please visit the website of FZJ (<http://www.fz-juelich.de>) and PGI-1/IAS-1 (http://www.fz-juelich.de/pgi/pgi-1/EN/Home/home_node.html) for more details.

FZJ is located in the town of Juelich (<http://www.juelich.de>) in the state of Nordrhein-Westfalen (NRW), Germany. Juelich is a peaceful, historical, and academic town with rich natural environment. I enjoy a scenic walking around the town, going through many Juelich landmarks; in the center of the city, there is the fortress “Zitadelle” and you can also find its surrounding walls, gates “Aachener Tor” and towers “Hexenturm”; on the west side, a park “Brueckenkopf-Park” and the Rur River. Juelich’s only railway “Rurtalbahn” is named after this river. On weekends, I often take a day trip using Rurtalbahn (only one service per hour!) and Deutsche Bahn to nearby beautiful cities such as Koeln, Aachen, Bonn, and Duesseldorf.



Landmarks of Juelich: “Zitadelle”, “Aachener Tor”, and “Hexenturm”.

At the end of February, I went to see the carnival celebration parades in Koeln and Juelich. The carnival is held on Monday “Rosenmontag”, one of the biggest events in Germany. Everyone was dressed in a costume singing and dancing, and when the floats came by, they tried to catch the candies thrown from the floats. I was strongly impressed by their exciting atmosphere, very different from the ordinary life.



Carnival celebration parades in Koeln and Juelich.

I am glad to be in a good working environment with friendly and brilliant people in FZJ. I would like to thank ISIR and FZJ for giving me this valuable opportunity.