

# ERFAHRUNGSBERICHT

## **I. Practical experiences and tips**

### **1. Preparation of the stay**

I submitted the application for BAYHOST scholarship in the autumn of 2016, and I was accepted in the spring of 2017. After my acceptance, I started to search for accommodation in Munich, and I also applied for a student dormitory, which, luckily, I obtained in summer before my departure. Since I was supposed to work on my dissertation thesis at TUM, I also was arranging details of my work with my professor at TUM.

### **2. Travel and arrival at the place of study**

I arrived in Munich on the first day of the winter semester 2017. After my arrival, I had to arrange my student card, public transportation ticket, administrative tasks regarding my dormitory, register my address at the citizen's office, register for TV fee payment, get a stamp for the university sports centrum.

### **3. Stay at the place of study**

The cost of accommodation in public student dormitories is about 350 Eur per month. I was very lucky to get a public dormitory because in a private dormitory or a private flat would almost my whole scholarship go to the payment of the accommodation. Otherwise, Munich is a very pleasant city to live in, there are a lot of parks and activities one can do, like, for example, language cafes or running groups one can join. Munich is also convenient owing to its proximity to the Alps and a very good train connection there, as well as around the whole Bavaria using the Bayern ticket.

## **II. Academic experiences and further qualifications**

### **1. Study at your university in Bavaria**

I was working on my thesis under the supervision of a professor from the Walter Schottky Institute of TUM. In his group were several other PhD, master and bachelor students he was taking good care of by means of weekly both group and personal meetings, where we discussed the progress of the work and future ideas.

### **2. Involvement at the department**

The department of TUM, where I was accepted, organized several events during the year. I visited a semiconductor company in Munich during an excursion organized by the department. They also were providing useful university-related practical information during the year.

### **3. Further professional qualification**

I started the year study with comprehensive literature research, and the plan was to write a state of the art article about newly emerging 2-dimensional materials, where we would also include theoretical calculations done by me and supporting experimental evidence measured by a colleague. During the year I started to collaborate with a professor from a different group, who could provide me with more expertise for new methods I was starting to implement to calculate

thermal and electronic properties of 2-dimensional materials. Soon, we are planning to submit one or two articles covering that topic. Next to the work on the dissertation thesis, I was taking German language courses at the university to improve my German language skills. Starting with initially A1.1 level, I managed to successfully finish a B1 course.

#### **4. Assessment of the results of your study visit in Bavaria and its effects on your future career**

The international experience at the prestigious TUM will be definitely beneficial to my future carrier, whether I will decide to stay in the research or if I will start to work in a company.

#### **III. Your plans or activities after the BAYHOST-funding**

Now, I still have one year to finish my PhD studies at my home university, and the work aboard will increase the quality of my thesis. However, I also plan to work on my German language skills even the future.