

Report

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«Study in Leibniz Universität Hannover»

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1. Preview

First of all, I do not want to write this report like an official document. I am going to describe my trip with the emotions I had during the whole my being in Hannover.

Saint Petersburg Polytechnical University provided me an opportunity to study at Leibniz Universität Hannover in the institute of turbomachinery and fluid dynamics according to the program of strategic partnership between the universities.

I arrived to Germany at the 14th of March and at the 16th of March came at the first time to the TFD Institute.

2. Studying process

In the end of December 2013 I was provided my potential topic from the German side for my future Master thesis. It was totally new for me and I had never been doing it before. But I was really enthusiastic and had been looking forward to this trip and took the topic. It promised to be a competition for me. And the topic was and numerical validation of OpenFOAM and adaptation of OpenFOAM software to simulation of turbine airfoils. I started working hard.

My supervisor Viktor Köpplin is a PhD student at the TFD Institute. In this report I want to say huge THANKS to him. He explained me a lot about my new topic and always tried to help even we both didn't know the right solution.

If somebody really read this report at the Hannover University I really want he will get a small award ☺

Also I am still really impressed about how studying and working process is organized in the institute (TFD)!!! The students of TFD were provided all needed stuff for doing their projects. This is a short list of features:

1. Computer room with a lot of power modern PCs with all needed software.
2. Fast (for me the fastest ever) LAN Internet and Wireless connection.
3. 24 access to the Institute.



All this helped me to finish my complicated topic in time and became a Master of Mechanical Engineering afterwards.

3. Accommodation

Dormitory was provided by Studentenwerk Hannover. A good moment was a room is only for one person. In the room was with furniture as a chair, a table, a bed, shelves, a mirror, etc. Also there was Internet access, but it was limited (about 700 Mb per day) and unfortunately it often did not work. The rent total was 200 euros per month and the Internet is already included. But a pillow and bed sheets were extra and expensive. I bought them in a supermarket much cheaper.

At the 1st of April I had to move to another dormitory which was far the university.

Anyway I want to thank Nataliya Butych and Marcus Remmers (International Office administrators) for their help with housing. I know that I was kind of tricky to find a place at that period.

4. Transportation in Hannover

Hannover rapid tram system is really great. It made my problem of far housing to be not so big. The monthly pass ticket was 47 euros.

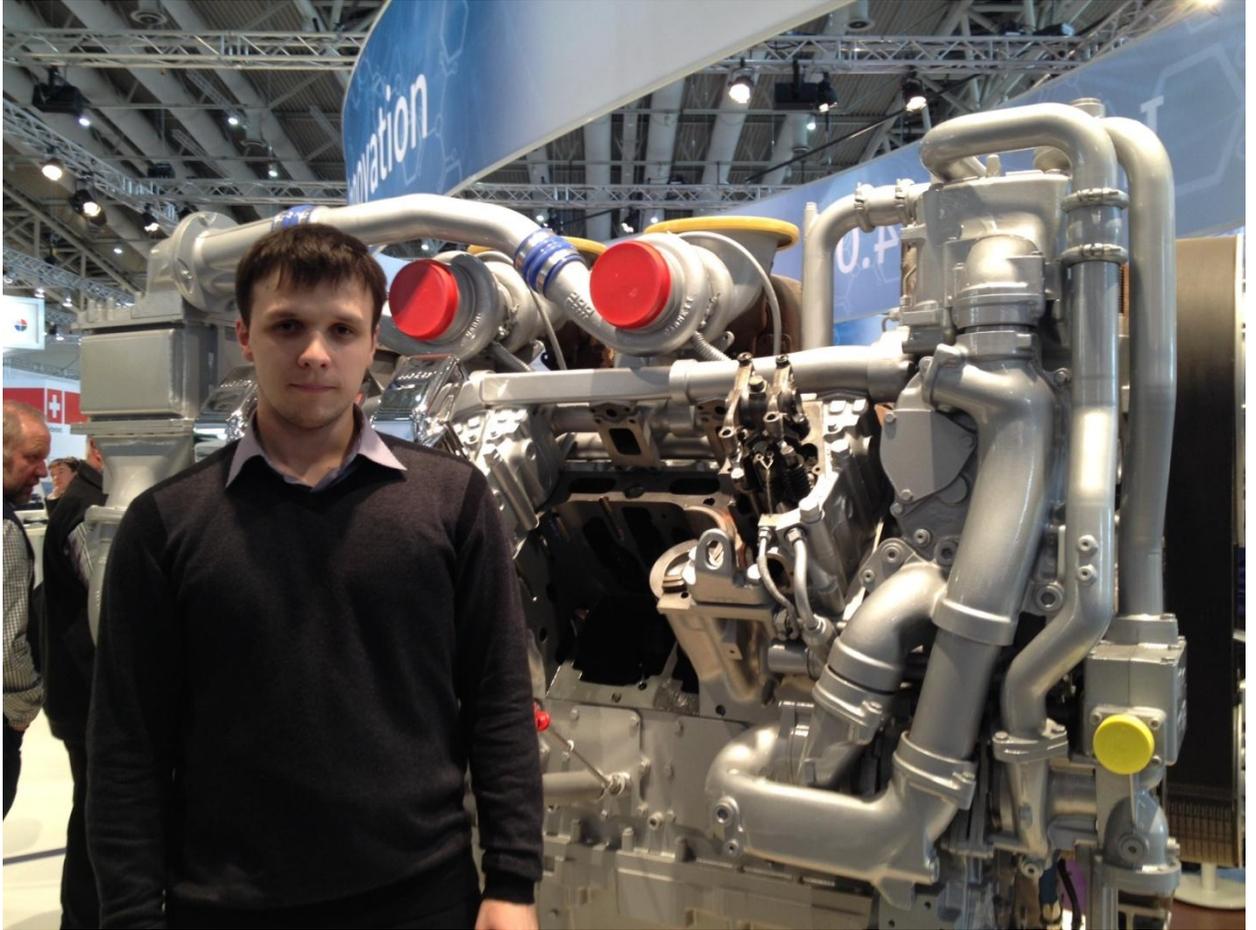
I bought a bike which is really important thing in Hannover as a part of transportation system. All infrastructures for bikes exist in the city.



S5 train (S-bahn) connects Hannover with the airport which is very comfortable.

5. Time spending

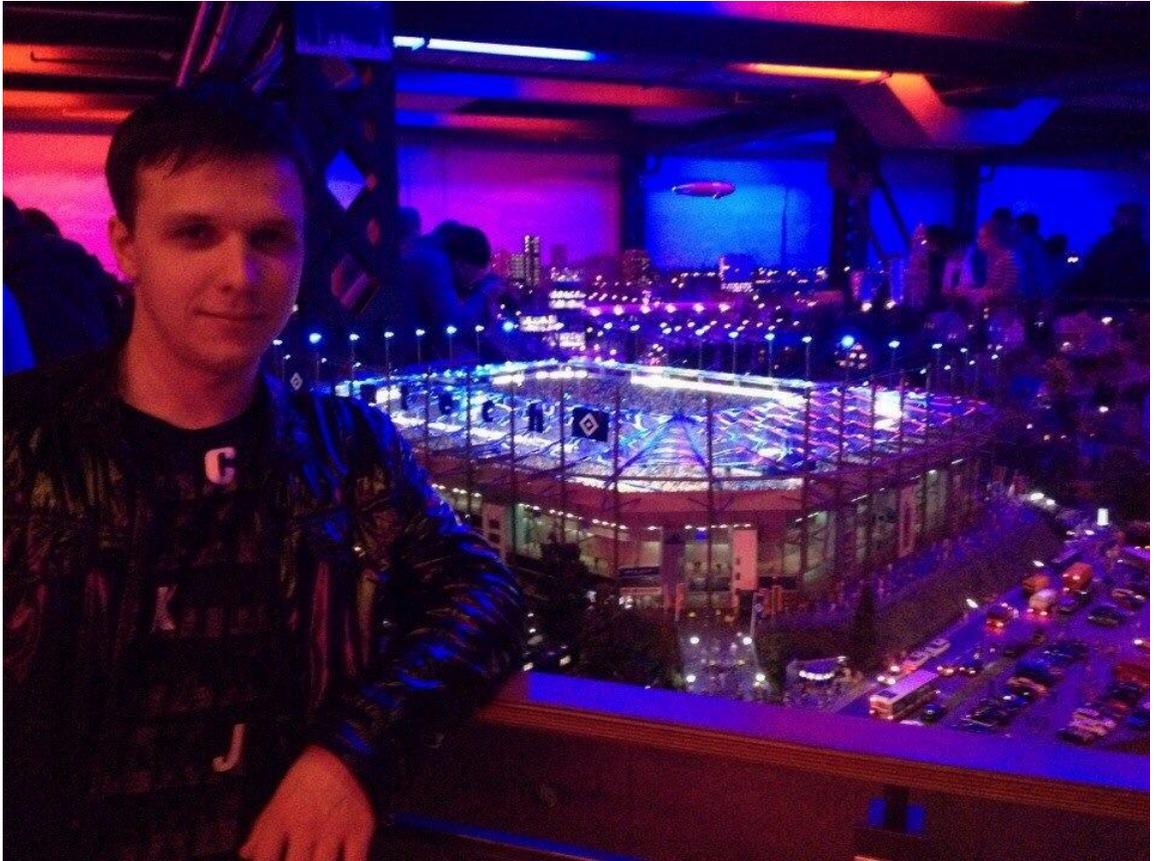
One of the great moments was my visit Hannover Messe 2014 exhibition. It was totally awesome! and really hard to forget. Hannover Messe is a one of the most famous event in modern technologies area. It was so amazing to see by my own eyes.



Also International provided a great tour around Hannover with a really professional guide who spoke awesome English. I was so glad to listen to him.

6. Travelling

During my stay in Hannover I also visited some other place. In Germany it was Hamburg. Such a beautiful city and interesting to see.



Also, I flew to Nice, France. And I can say for sure it was right decision. I was lucky with the weather.

In France I spent 3 days in total. At the second day I went to Monaco. No words to describe how beautiful is this place!!!



7. Summary

I learned a lot of new during this trip. The most important moment is that I became more experienced in my professional skills. I wrote a nice Master thesis. Also I opened different life, different country, different culture. I was enjoying in all time (especially in the university). This experience is priceless for my future.

I have a huge wish to study in the institute of turbomachinery and fluid dynamics as a PhD student.

Hope once it happens.