

Report about the research stay at Leibniz University of Hannover

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1. Introduction

I was in Hannover from 2nd of March till 30th of April. The aim of my visit was to finish my bachelor project “Dynamics of carbon nanoresonators”.

My supervisor in Germany was prof. Udo Nackenhorst from the institute of Mechanics and Computational Mechanics.



2. Work

I was working in the institute of Prof. Nackenhorst. All students and coworkers were very kind and helped me a lot.

This institute located in this building:



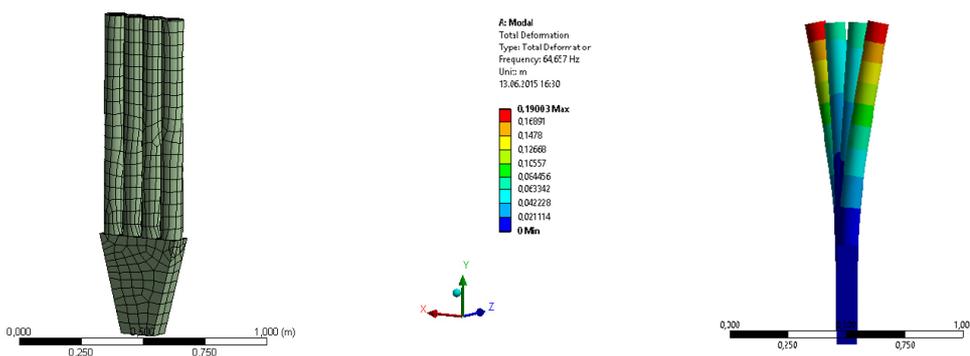
I had my own office with computer, but I decided to use my laptop. Also there was a coffee - machine in library with very tasty coffee.

I think work atmosphere in Germany is much better than in Russia because working process is more organized and people are very serious about their work.

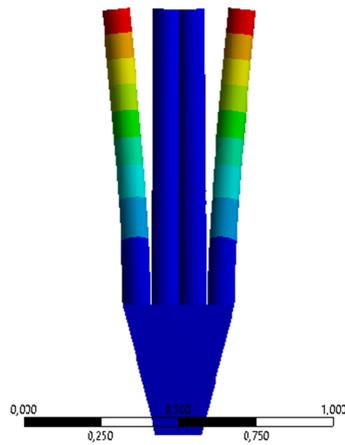
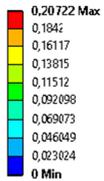
I worked every day from Monday till Friday. It was plenty of time for finishing my project.

During my staying in Hannover, I completed my bachelor work. It was connected with numerical mechanics, so working with professor Udo Nackenhorst was very useful and helpful. He is big scientist and professional in his science area. So working with him was a big pleasure for me.

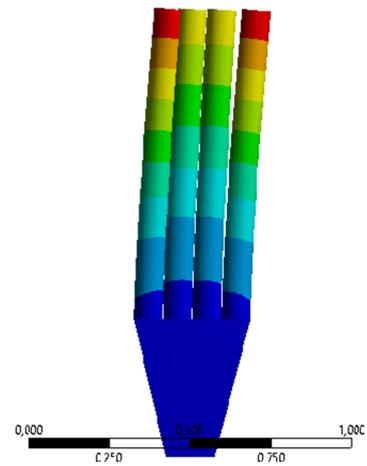
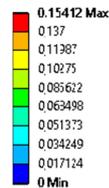
Here you can see some results of my work:



A: Modal
Total Deformation
Type: Total Deformation
Frequency: 69,792 Hz
Unit: m
13.06.2015 16:25



A: Modal
Total Deformation
Type: Total Deformation
Frequency: 58,846 Hz
Unit: m
13.06.2015 16:28



Here you can see first Eigen frequencies of carbon nanofork.

3. Accommodation

Dormitory was very comfortable and clean. It was near U-Bahn station Misburgerstrasse. It took 30 minutes every day to get to the university but without changing train line. In dormitory I found a lot of friends and every day we had dinner together.



Kitchen was common, but clean and comfortable, sometimes, there were a lot of people cooking, so I did not eat my dinner. But it was not a problem.

Also there is common shower, toilet and laundry. It made my life more interesting, because every time you meet new people.

There was the wonderful yard in dormitory, so in weekends we made BBQ.

Also we had ping-pong table upstairs.

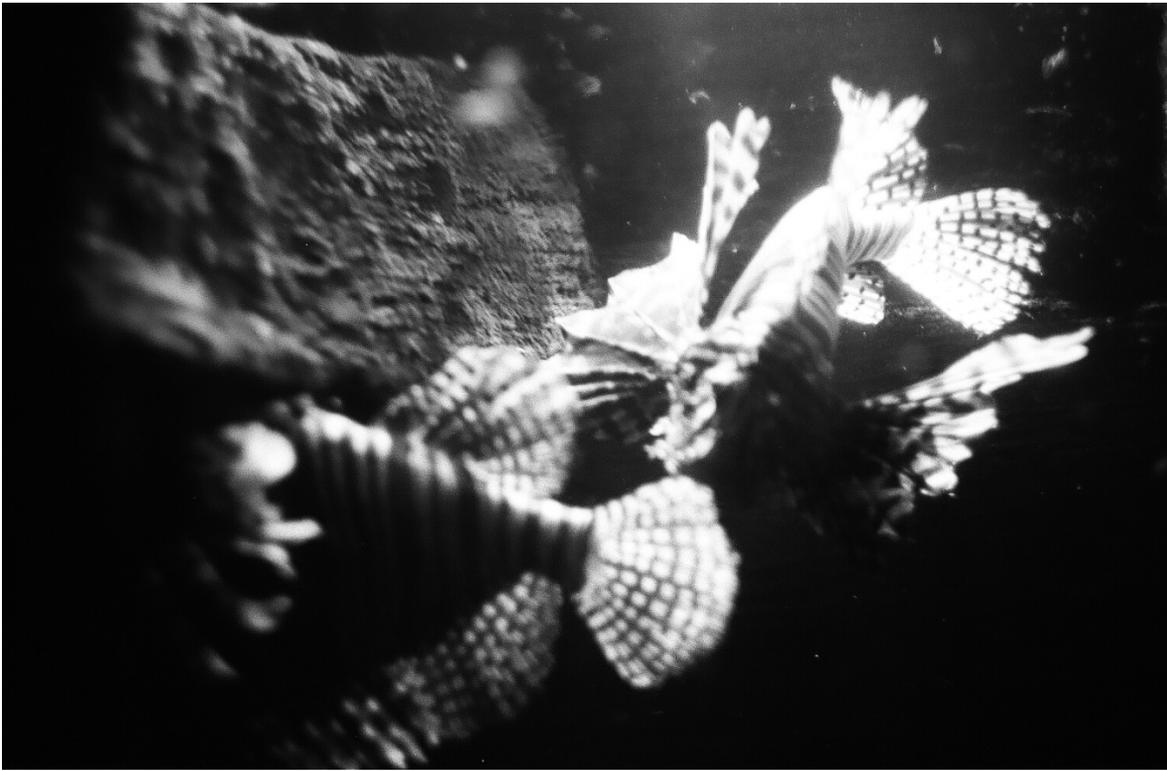
4. Free time

I'm found of film photography, so living in Hannover gave me an opportunity for taking good pictures. It's a big luck that it's possible to buy and develop films in Rossman. For example, this is photo of the building near U-Bahn station Aegidientorplatz.



Also, I have visited some bars. I like German beer a lot. My favorite one is Franziskaner. It's white, non-filtered beer. And I watched some football matches of Bundesliga.

I liked aquarium in Hannover. It costs 16 euro per a person for entrance. But it's very big and there are a lot of interesting things there. There were different types of fish, crocodiles and tortillas. The best part is tropic forest, it's really hot there and you can see a lot of types of plants.



5. Traveling

During my staying in Europe I've visited some wonderful places. For Eastern holidays I went to Bremen, than took a flight to Lisbon, and after went to Holland. It was wonderful trip. I spent 5 hours in Bremen, 24 hours in Lisbon and 7 hours in Amsterdam.



Also, I've visited Hamburg and Berlin. Weekend in Berlin was nice. I went there with my dormitory friends by car. We have seen all main sightings. Weather was nice and there was very small amount of people on the streets, in spite of holidays.



6. Conclusion

I liked my staying in Germany a lot. Atmosphere is very good and people are kind. I've finished my project and had a lot of fun. Also I've made a lot of film pictures, some of them you can see in my report.

My English and German languages became better. Gratitude to international office, especially to Butych Nataliya and Anna-Maria Angelova for helping with accommodation and staying in Hannover, and of course to Prof. Nackenhorst and his team.