

Sabina Idrissova



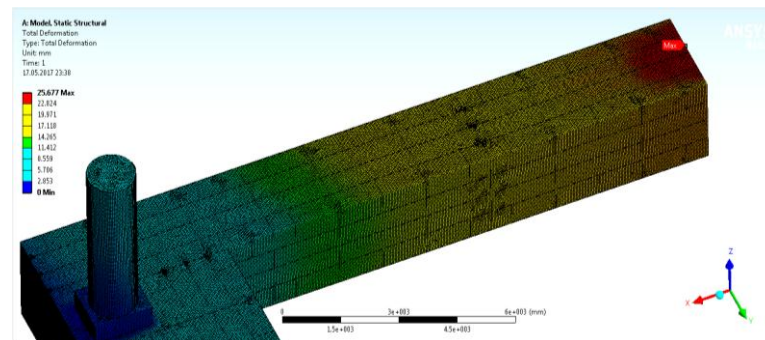
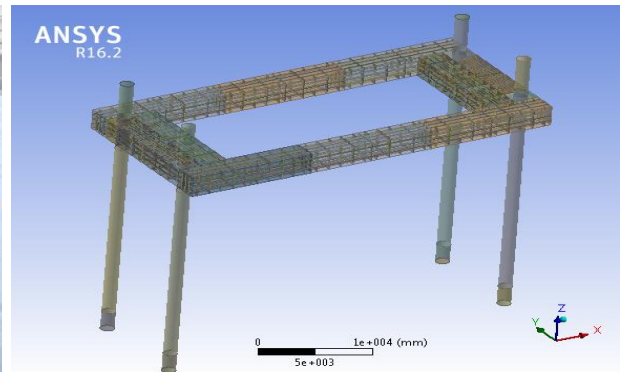
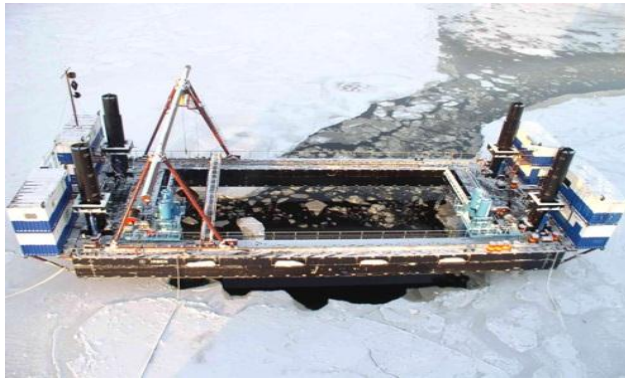
I'm))

- Master student of Saint-Petersburg state marine technical university (SMTU);  
Department of shipbuilding and ocean technology.
- Master student at UNIS.  
UNIS supervisor: Aleksey Marchenko.

### **The best experience in my life**

The first let me introduce myself I'm a student from St. Petersburg (as you can see in the beginning) and from the 3<sup>rd</sup> year of studying at bachelor course I'm seriously interested in ice mechanics. In 2014 I firstly was at Aleksey Marchenko's lecture at my university that inspired me to try my knowledge in Arctic offshore technologies. At that time I was studying marine oil and gas facilities and just started do my research in design of drill platforms and ships. After that I participated in different Arctic forums and conferences and was dreaming about

real work with ice and other environmental loads on coastal and offshore structures. In the beginning I started in Vladivostok where I was involved in Becker's ice mechanics school and met Ekaterina Kim (an associate professor from NTNU). She was studying at UNIS before and gave me a lot of recommendations and feedbacks about the course she took at UNIS.



### Bachelor project

During my studying at bachelor project I has been working at the problem of applying finite element method for design of marine constructions. The object of this research was a jack up rig platform. The first problem that I faced with was a connection between different load and how apply rules for calculation all of them. At that time I asked some questions at E. Kim and parallel decided to send a request for UNIS course «AT-332 Physical Environmental Loads on Arctic Coastal and Offshore Structures». Nataly Marchenko supported me and helped to get a scholarship for the course from SITRA project. It was a long way but we did it.

I haven't ever get such real experience in ice engineering problems that I had during the course. We studied hydromechanics, theory of probability, ice mechanics and did lab and field works. Now I surely can say what way I want to follow. Everything changed in my opinion and imagination about Arctic.



### **Our first field work about sediment transport**

We made reports in groups that bring up cooperative skills and in the same time you have to be self-dependent to provide your part of job.

Field work let to understand necessity of theory studying and how we can use got experimental data.



**What is difficult in training will become easy in a battle**



UNIS give all staff for studying and comfortable being on Svalbard. We used labs, facilities for our research, the library, computer classes with different types of software, and of course some clothes and equipment for hiking and activities were provided.

I met students, professors, friends and others from all of the world.



**AT-332 in 2018**

I'm grateful for UNIS, SMTU and all people that I met during my being on Svalbard. Firstly It would not be without my coordinators Nataly and Aleksey Marchenko and SITRA project that gave me this opportunity to get invaluable knowledge and Arctic experience in my way.



**Just be yourself and follow your dream!**