

## Project Fyziklani 2022 – Team Finland

Team Finland participated in this project with 10 physic enthusiasts. Before Fyziklani project we didn't know each other that well. We studied in the same school, but some of us had not met before.

We immediately got along well, and we quickly developed a good team spirit. We got a few assignments from the organizers that we worked on before the trip. It was amazing to work with people who had the same interests, and at the same time meet new physics students in our school. With the projects done before the trip, we had learned well to take responsibility for a common project and to work with new people in a group. Everyone in our group to



Us telling about Finnish scientists

helped each other. We all learned something new about scientists in Finland.

When we received confirmation that our trip to the Czech Republic would take place despite the current world situation, we were very happy because many of our events and especially international projects had to be cancelled due to covid-19. Regulations relating to travelling during covid-19 changed at a very short notice and we were a little worried about returning home, but in the end everything went well.

We got to explore the city of Prague several times during the trip. We really enjoyed getting to know the history of the city while chatting with new people at the same time. The architecture in Prague



Exploring Prague



was magnificent, detailed and very different from that in Finland.

The best thing about the whole Fyziklani project was creating new friendships with students from other countries. Ice breaker games, the nations evening, and common presentations were good ways to make new acquaintances. The nations evening was an amazing way to get to know other cultures. For

### Ice-breakers

was also fun to taste new foods from other countries and watch how other countries reacted to the food we brought. Pea soup and “Salmiakki” created a lot of different reactions. Nations evening really created a big family out of all of us. Eating lunch or dinner at the Castle’s restaurant, was pleasant, because it was easy to make long conversations, and enjoy local food at the same time. It was easy to chat with new people in the excursions, since we were divided into smaller groups because we had all chosen a different physic lecture we were interested in. We got to learn about other countries through an Euro quiz which had lots of questions about each country in the project.



### Nations evening

countries was interesting and eye-opening. People from different countries had very different habits of making presentations. It was useful learning to use applications you had not used before. People also had different styles to present and be in front of people. Watching others also gave us tips on our own performance.



### Excursions

The culmination of the trip was the competition of course. We went to the competition with two five-person teams, Sisu and Tarmo. The atmosphere on the competition day was exciting and good. There wasn't any pressure of having to be quiet and we were able to talk with the team members. All the teams were very focused on doing their



Competition day!

own thing. The problems were suitably challenging to our level and comfortable to do. English produced a little trouble in solving some of the problems, but the organizers helped us with that, and it was nice to learn some physics terms in English. It was a bit weird at first to use a "real" calculator and do problems on paper - since we usually do everything with a computer - but it was a nice change from the regular. Free food and drinks were a nice addition to an awesome day. It was really rewarding to struggle with a problem, then running to get it corrected and getting a stamp and 5 points along with a new problem. Although other countries were overpowered, it was an amazing event and an immemorial experience. Fyziklani competition was the first international competition for many of us, and it got many European physics students together to enjoy physics.



Team Tarmo



Team Sisu

Project Fyziklani wasn't only for getting to know other students. We learned many new phenomena in excursions and in iQlandia, which is a big science center. iQlandia was an excellent place to learn, not only physics but chemistry, biology, geography, and math too! It was nice that all the natural sciences were put in together. It wasn't too easy or too hard, but just perfectly in the middle. There

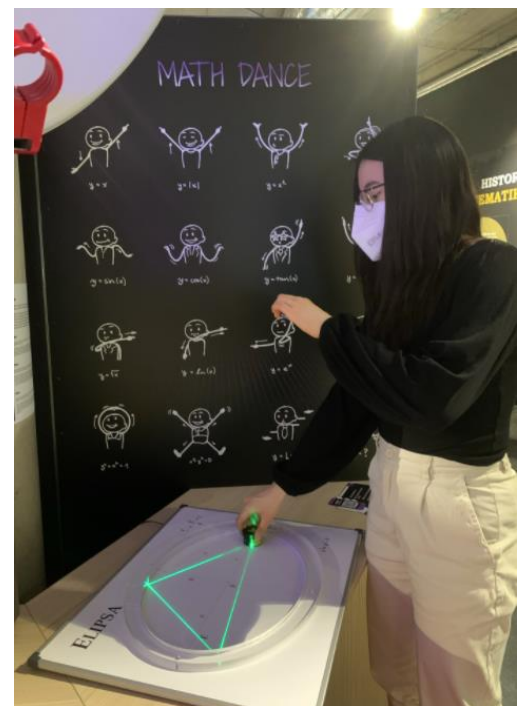
was so much information and so many demonstrations. We were able to experiment many phenomena by ourselves such like robotics, chemistry, earthquakes, stationary waves, and huge soap bubbles. The building was fancy, there were no stairs for example, but a ramp and the lockers in the hall were part of the periodic table! We also had a big science show, which was interesting and funny. We got to learn a lot about liquid nitrogen, rockets and burning.

With the excursions we made the presentations, we also learned a lot. There were excursions about lasers, Nuclear magnetic resonance, Van De Graaff accelerator, stars energy, electron accelerator, as well as crystals and light. It was well organized, because you learned something in your own excursion, but then got to learn from the other excursions trough the presentations. We got to see universities and laboratories in Prague and the professors really enjoyed teaching us. Although it was all in English you could understand enough, so language wasn't a problem.

In conclusion, project fyziklani was incredible. We got so many new international friends, learned a lot about sciences, especially physics. We got to take part in an international competition, enjoy European cultures and at the same time get to know Prague.



iQlandia



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