

Swedish Teachers Program – CERN

A trip to CERN and the Swedish Teachers Program for physics teachers made by me John Sköthagen Nordstrand.



This is me at one of detectors in LHC at CERN. I spent a full week at CERN a together with some students from my school in Hudiksvall and a couple of other physics teachers from all over Sweden.

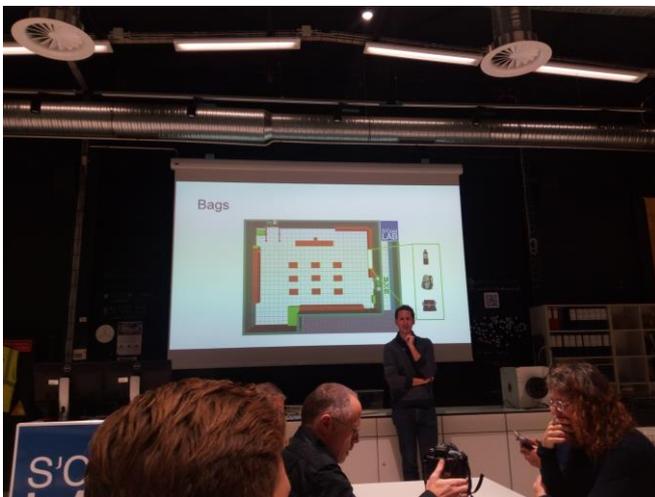
We spent the entire week in the CERN area looking at what they do and learning about the physics they study.



This is Lennart Jirde. He organised the week and took great care of the group.



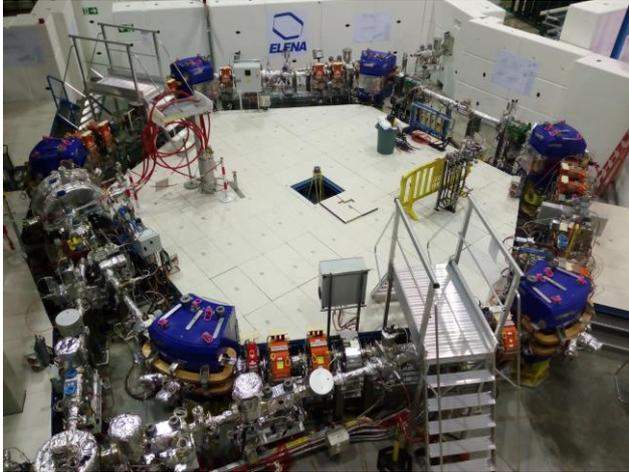
We were allowed to go inside and look at many of the different locations at CERN. This is the control room for the Large Hadron Collider (LHC), the biggest particle collider in the world.



All the Swedish physics teachers had to become students once again. This is Jeff Wiener, he works at CERN and helps to organise and educate the different teachers programs.



One of the highlights during was our visit to the antimatter factory were the produce and study antimatter.



This is where the antimatter is contained.



We spent half a day underground looking at one of the detectors connected to the LHC.



This is how close we got to the actual LHC tunnel. We could not go inside due to radiation caused by the particle beam.



An important part of the CERN project is computation and data handling. This is the server room storing some of the data collected by the detectors at LHC.



We could spot some stations called "World Wide Web Servers". So this is where the internet is!



The CERN area does not look so fancy on the outside. They have the philosophy that all the resource should go to the experiments.



We spent a full afternoon in beautiful Genève.



Me and some of the other teachers in the nice weather.



We found a nice store filled with chocolate.

Summary of the week

WhatWentWell

Overall, the week at CERN was great. The schedule was full with interesting visits and presentations and we learnt a lot about the frontline physics the study.

All personal was very helpful and nice. The trips there and back and the housing worked without any problems.

EvenBetterIf

There was some discussion about the students attending the Swedish Teachers Program. Lennart Jirden, the guides at CERN and the other attending teachers had no problems with the students attending but the management at CERN had questioned if they should be allowed to. We need to talk to the CERN personal before the next visit. I hope that we can continue to let our students attend.