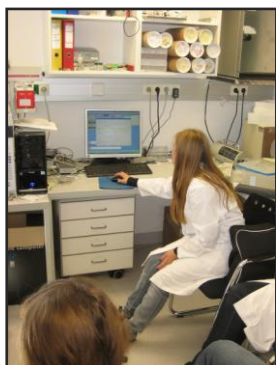


## Report of Students' Visit in Innsbruck



The students of 2 Secondary School of Queen Jadwiga in Toruń visited Innsbruck between 5<sup>th</sup> and 12<sup>th</sup> October 2010, where they took part in **FEM TRACE** project carried out by the **Institute of Breath Gas Analysis of Austrian Academy of Sciences**, the head of which is a world-famous **professor Anton Amann**.



The students participated in laboratory classes prepared by the research workers of the above mentioned Institute as well as the lecturers of Slovakian Academy of Sciences. The workshops which provoked our great interest concerned noninvasive detection of lung cancer by analysis of exhaled breath. The analysis was carried out by our students themselves with the use of gas chromatography mass spectrometry. Using their own breath samples, students were able to measure the concentration of compounds related to smoking such as acetone, isoprene and methanol.



These strictly scientific activities were enriched by a cultural programme. We spent our afternoons and evenings visiting Innsbruck – the capital of Tyrol, admiring Alpine landscapes at 2,500 altitude. We also managed to visit famous **Swarovski's Museum** and **Ambras Castle** with its amazing gardens. Moreover, during a meeting with Innsbruck authorities both Austrian and Polish sides declared willingness to continue their cooperation in future.



The idea of cooperation with Austrian Academy led by professor Anton Amann is essential for the students of pharmaceutical specialization class of our school since it educates future pharmacists and physicians. The participation in the project enables our students to obtain a unique insight into what is invisible to a human eye.

