

My ebullient admiration for science started right after I learned how to read. Meanwhile others were lost in computer games, I kept thumbing encyclopedias and scientific articles written to children. My grandfather, professor of physics told me a lot about interesting mathematical problems and rules of the universe. Back then I did not separate the branches of science. I also felt a compelling coming from the inside to count everything possible, the number of leaves on a tree or the exact amount at family shopping.

In high school I realised immediately that physics is what I want to live for. Mathematics contains the sheer truth, but physics is related to the world. I always found beyond belief that universe has exact rules, they can be grouped and expressed with a few, elemental mathematical equations. The alike forms of equations from far parts of physics (like Coloumbs law and Newtons law of mass pull) and the way physics uses mathematical results (for instance complex numbers by calculating diffraction pattern) or just simple trics at solving physics problems amazed me.

My physics and mathematics teachers' prepared me with marked attention and treatment for competitions. My greatest success so far was the silver medal at the International Physics Olympiad 2015 held in India. I also participated in countless national competitions, not only in physics and mathematics but in chemistry, biology and Hungarian language. I reckon my absolute 4<sup>th</sup> place at the National Physics Olympiad as most important. I finished 5<sup>th</sup> in 2013 and 3<sup>rd</sup> in 2014 at the national Mikola Sándor Physics Competition and 3<sup>rd</sup> in 2014 at the national Szilárd Leó Nuclear Physics Competition. My greatest achievements in Mathematics are the 21th place in 2015 at the National Mathematics Olympiad and the 3<sup>rd</sup> place in 2014 at the national Arany Dániel Mathematics Competition. These are the highest level competitions in Hungary in these subjects. I won numerous of other national competitions.

During high school I regularly send in the problems for the mailing correspondence competitions organised by KöMaL (Mathematical and Physical Journal for Secondary Schools). Having to think and work for month to month in different areas made me always timely in mathematics and physics. I came second in physics in 2013, 2014 and in 2015 and sixth in mathematics in 2014.

This year I am preparing myself to ameliorate my previous successes and achieve my biggest dream: a golden medal at the IPhO in Zurich.

versenyre felkészülés: Kömal, olimpiai szakkör, önképző utánaolvasás

egyéb tanulás: kémia, nyelvek, kitűnőség

szabadidő fizikán kívül: világról tájékozódás, sport, hangszer