

# Zsófia Pröhle

Place and date of birth: Budapest, 1. January 1991  
Citizenship: Hungarian  
E-mail: [prohles@caesar.elte.hu](mailto:prohles@caesar.elte.hu)



## Education

2010-2013 Eötvös Loránd University, Budapest, BSc Physics, specialization: physicist  
2009-2012 Eötvös Loránd University, Budapest, BSc Chemistry, specialization: chemist, grade with distinction, Thesis: Synthesis of conducting polymer composites and their electrochemical analysis  
2005-2009 Fazekas Mihály Secondary School, specialized in maths, matriculation grade with distinction

## Experiences

2006 7th place at Mikola Sándor Physics Competition  
2007 13th at Irinyi József Chemistry Competition  
2008 7th place at National Students Competition in Chemistry  
2008, 2009 final round at International Chemistry Olympiad selection  
July 2011 research student at École Polytechnique Fédérale de Lausanne: synthesis of  $\text{TiO}_2$ -Nafion membranes for fuelcell applications  
2011-2012 Chemistry BSc Thesis on electrochemistry  
August 2012 research student at École Polytechnique Fédérale de Lausanne: synthesis of  $\text{Bi}_2\text{Te}_3$  nanorods for thermoelectric applications  
2012- Physics BSc Thesis on magneto-optical detection of malaria at the Magneto-Optical Spectroscopy Group of TU Budapest

## Language

2010. English: fluent  
2006. German: fluent  
2008. French: intermediate

## Computer skills

Microsoft Office,  $\text{\LaTeX}$ , Octave/MatLab, C, Origin, Gnuplot, Linux

## Interests

2007- hungarian folk dance  
2002- membership of YMCA (Young Men's Christian Association), organiser since 2006  
7 year of swimming  
6 year of violin