

# Curriculum Vitae

**Family name:** Orbán  
**Surname:** Ágnes  
**Date of birth:** September 12, 1987  
**Place of birth:** Sahy, Slovakia  
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## Education:

- 2012-** **Phd student, Budapest University of Technology and Economics.**  
Research field: determination of secondary structure of proteins by circular dichroism spectroscopy, biomedical applications of magnetic nano- and microparticles, supervisor: Dr. Kézsmárki István, Department of Physics
- 2009-2012** **MSc. in Physics, Budapest University of Technology and Economics, research physicist specialization.**  
Research field: determination of secondary structure of proteins by circular dichroism spectroscopy, supervisor: Dr. Kézsmárki István, Department of Physics
- 2006-2010** **BSc. in Physics, Budapest University of Technology and Economics.**  
Research field: structural properties of the structure of phospholipid/water membranes studied by ESR spectroscopy, supervisor: Dr. Korecz László, Chemical Research Center of the Hungarian Academy of Sciences
- 2002-2006** **Grammar school: Fazekas Mihály Fővárosi Gyakorló Általános Iskola és Gimnázium, Budapest.**

## Work experiences, presentations, awards:

- 2012 3<sup>rd</sup> EuroMagNET Summer School, oral presentation (High-sensitivity diagnosis of malaria via magnetically induced linear dichroism)  
Rügen, Germany
- 2012 Balaton Summer School, summer school for undergraduate physics students on up-to-date research topics, oral presentation (High-sensitivity diagnosis of malaria via magnetically induced linear dichroism)  
Balatonalmádi, Hungary

2012	From Solid State to Biophysics VI Conference, poster presentation Dubrovnik, Croatia
2011	Internship, GE Lighting Hungary, Topic: CMH Lamp Development Assignment: review of the recent scientific results concerning the detection of impurities
2011	National Conference of Scientific Students' Associations, Biological Physics and Biophysics section, 3rd place
2010	BUTE Conference of Scientific Students' Associations, Experimental Physics section, 2nd place
Spring semester, 2010	Demonstrator, BUTE Physics Department
2010	Seminar of the European Graduate College, oral presentation (Determination of the secondary structure of a newly discovered protein by circular dichroism spectroscopy) Riezlern, Austria
July, 2010	Internship, BUTE Physics Department, optical laboratory
July, 2010	Research visit, HISOR Synchrotron Hiroshima University, Japan
February, 2010	Research visit, HISOR Synchrotron Hiroshima University, Japan
September, 2009	Computational chemistry summer school Essen, Germany
2006	National Competition for High-School Students, Hungarian Language section, 9th place
2005	National Competition for High-School Students, Russian Language section, 11th place

**Languages and other skills:**

- English – advanced
- Slovak – intermediate
- Russian – elementary
- Driving license
- Visual Basic, Microsoft Office, Matlab