

Curriculum Vitae

Name: András Deák

Date and place of birth: 26 November 1987, Budapest, Hungary

Education:

2002-2006, Fazekas Mihály Secondary School in Budapest

2006-, studies in physics at the Budapest University of Technology and Economics

2006-2009, B.Sc. in physics, thesis topic: "*Dzyaloshinskii–Moriya interaction in metals*"

2009-2011, M.Sc. in physics, "*Magnetic interactions in nanostructures*"

2011-, Ph.D. student in physics, "*Theoretical study of magnetic heterostructures*"

Attended conferences and research trips:

11 February 2010: I. MAGFUM Swedish–Hungarian STINT workshop, Uppsala, Sweden: *Dzyaloshinskii–Moriya interaction in metals* (oral presentation)

4-6 October 2010: "KKR hands-on course" tutorial workshop, Daresbury Laboratory and Chester, United Kingdom

11 November 2010: II. MAGFUM Swedish–Hungarian STINT workshop, Budapest, Hungary: *Ground state magnetic structure of $Mn_1/X(111)$ monolayers ($X=Ag, Au, Pd, Pt$)* (oral presentation)

3-6 May 2011: research trip to the University of Warwick, Coventry, United Kingdom

3 June 2011: III. MAGFUM Swedish–Hungarian STINT workshop, Sovata, Romania: *Multiscale study of complex magnetism in $Fe/Ir(001)$* (oral presentation)

7-10 July 2011: Psi-k Workshop, Halle, Germany: *Complex magnetic structure of ultrathin films: a multiscale study* (poster)

15-17 February 2012: IV. MAGFUM Swedish–Hungarian–Finnish STINT workshop, Turku, Finland: *Spin-Cluster Expansion and Relativistic Disordered Local Scheme: Extension to finite temperatures* (oral presentation)

15-17 June 2012: National Conference for PhD Students of Physics, Balatonfenyves, Hungary: *Theoretical study of the magnetic structure of $Fe/Ir(001)$ thin films* (oral presentation)

3-6 July 2012: research trip to the Forschungszentrum Jülich, Jülich, Germany

18-22 September 2012: "Summer School on Bandstructure Meets Many Body Theory" tutorial workshop, Vienna, Austria