

Curriculum Vitae of János Károly Asbóth



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Born: 6 September 1978
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Education

06/2008 : Ph. D. degree from Innsbruck University, Austria
06/2003 : Diploma (M. Sc.) in Physics at Eotvos University, Hungary

Employment history

07/2019 – current: Associate Professor, Budapest University of Technology and Economics (BME)
09/2010 – current: Research Fellow at Wigner Research Centre, Budapest

Previous positions

09/2008 – 09/2010 : Postdoctoral researcher at Leiden University
09/2003 – 05/2008 : Research assistant at Inst. for Solid State Phys. and Opt. of the H. A. S.
09/2003 – 05/2008 : Research assistant at Innsbruck University

Fellowships and awards

09/2014 – 10/2017: Janos Bolyai Grant, from the Hungarian Academy of Sciences
01/2013 – 04/2014 : Zoltan Magyary Grant, from the TAMOP programme of the Hungarian State
01/2012 : Junior Prima prize, Prima Primmissima Foundation, Hungary

Supervision of graduate students and postdoctoral fellows

01/2013 – current: Cosupervisor of Brian Tarasinski, PhD student at Leiden University

Teaching activities

09/2019 – current: Theoretical Physics for Chemical Engineers
09/2012 – current: Topological Insulators
09/2011 – 06/2018: Cavity Quantum Electrodynamics

Organisation of scientific meetings

4-5/09/2014 , 24-25/09/2015, 26-28/09/2018: Organiser, “Entanglement Day” workshop,
Wigner Research Centre for Physics, Budapest, Hungary

Institutional responsibilities

09/2019 – current: Organiser of the Department Seminar, Dept. of Theor. Phys., BME
09/2014 – 08/2019: Organiser of the Institute Seminar, Inst. for Solid State Phys. and Opt.,
Wigner Research Centre for Physics, Budapest

Publication record

32 publications in refereed journals, 1587 citations (google scholar) 641 independent citations (mtmt.hu)
1 book: A Short Course on Topological Insulators: Band-structure topology and edge states in one and two dimensions (Springer, Lecture Notes in Physics, 919 (2016) - 275 citations