

# Curriculum Vitae

## Personal data

- Name: Zoltán Markó
- Birthday, place: 18th 05. 1989, Kalocsa, Hungary
- Nationality: hungarian
- E-mail address: marzol@math.bme.hu
- Website: <http://www.math.bme.hu/~marzol>

## Studies

- **2013-now: Graduate School of Mathematics and Computer Science, BUTE**  
Faculty of Natural Sciences, Department of Analysis
- **2011-2013: Budapest University of Technology and Economics**  
Faculty of Natural Sciences, Mathematics MSc graduated with excellence
- **2008-2011: Budapest University of Technology and Economics**  
Faculty of Natural Sciences, Mathematics BSc graduated with excellence
- **2004-2008: Szent István Secondary Grammar School, Kalocsa**  
Science faculty, excellent matura exam

## Scientific activities

Interests: Continuous and discrete inverse problems, mathematical physics, functional analysis

- Conferences
  - Scientific Student Conference, Faculty of Natural Sciences, *Müntz-type theorems in weighted  $L^2(0, \infty)$  spaces with multiplicity*, 17. 11. 2010.  
Consultant: Dr. Ágota G. Horváth, BUTE Fac. of Nat. Sc. Analysis Department  
The National Scientific Student Conference, 27-29. 04. 2011, Nyíregyháza
  - Spring Wind Conference, *Inverz feladat 2 dimenziós diszkrét Schrödinger-operátorra*, 21-23. 03. 2014, Debrecen
  - CSM - The Third Conference of PhD Students in Mathematics, *Inverse Problem for 2 dimensional discrete Schrödinger Operator*, 06. 30. 06. - 07. 02. 2014, Szeged
  - Autumn School on Laser Dynamics, 24-28. 09. 2014, Szeged
- Publications
  - [1] Z. Markó: Weighted  $\gamma$ - $K$ -functional and  $\gamma$ -Modulus of Smoothness on the Semiaxis, *Jaen J. Approx.* 7(1) (2015), 11-56.

## Personal abilities

- **Language knowledge:** Hungarian (native speaker), German (complex "C" intermediate level), English (intermediate)
- **Computer skills:** User level:  $\text{\LaTeX}$ , Mathematica, Microsoft Office

## Teaching activities

- **2009-now: BUTE Fac. of Nat. Sc. Dept. of Analysis**  
Correcting mathematician's analysis homeworks  
Analysis, measure theory for mathematicians  
Functional analysis for physicists  
Elementary analysis, differential equations, complex analysis, vectoranalysis, linear algebra, probability theory for engineers
- **2012: BUTE Fac. of Nat. Sc. Dept. of Stochastics**  
Correcting mathematician's stochastic processes homeworks
- **2009-2010: BUTE Fac. of Nat. Sc. Dept. of Differential Equations**  
Introduction to mathematics for engineers  
Correcting mathematician's and physicist's differential equations homeworks

## Prizes, awards

- **2011:** Stoczek József Scholarship
- **2010:** 1st Prize - Scientific Student Conference, Fac. of Nat. Sc.  
Special Prize for applied mathematics  
Excellent Student of the Faculty Prize - Fac. of Nat. Sc.
- **2008:** Szent István plaque

Budapest, 12. 02. 2016

Zoltán Markó