Curriculum Vitae

Name: Barnabás Farkas

Born: May 12, 1981, Budapest, Hungary

Nationality: Hungarian

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Education:
- PhD in Mathematics, Budapest University of Technology and Economics (BME), expected December 2010.
- MSc in Mathematics, Eötvös Loránd University, Budapest, June 2005.

Research interest: set theory, in particular
- structure of the real line and cardinal invariants of the continuum;
- Borel relations and Borel Galois-Tukey connections between these relations;
- combinatorics of natural numbers and analytic P-ideals;
- forcing problems and methods related to these topics.

Research grant:
- Hungarian Scientific Research Fund No. K 77476, junior research fellow, project leader: Rónyai Lajos, 2009-2013.
- Hungarian Scientific Research Fund No. K 68262, research assistant, supervisor: András Hajnal, 2007 - 2010.

Employment:
- Department of Algebra, Institute of Mathematics, BME, assistant lecturer, September 2010-present.
- MTA-BME Stochastics Research Group, junior research fellow (MTA = Hungarian Academy of Sciences), September 2008 - November 2008.

Teaching experience: at BME, 2005 - present
- undergraduate exercise classes on one and multivariable calculus, complex analysis, linear algebra, and differential equations for electrical engineers, transportation engineers, and architects;
- undergraduate exercise classes on number theory, group theory, and linear algebra for mathematicians and physicists;
- introductory lectures on complex analysis for electrical engineers;
- introductory lectures on forcing for graduate mathematicians.