

Curriculum vitae

Benedek Valkó

Department of Comp. and Math. Sciences
University of Toronto at Scarborough
1265 Military Trail
Toronto, ON
Canada, M1C 1A4

valko@math.toronto.edu
<http://www.math.toronto.edu/valko>
Phone: (416)-978-5212

Education: 1995–2000 Eötvös Loránd University of Budapest, Hungary
2000 M.Sc. in Mathematics
2000–2004 Ph.D. student in Mathematics
Technical University Budapest, Hungary
2004 Ph.D. in Mathematics
supervisor: Prof. Bálint Tóth
thesis: Hydrodynamic Behaviour of Hyperbolic Two-component Systems

Positions: 2003–2005 Junior Researcher,
Rényi Inst. of Mathematics, Hungarian Academy of Sciences
2004 Research Assistant, Technical University Budapest
2005– Postdoctoral Fellow, University of Toronto at Scarborough

Research interests: stochastics in space and time, interacting particle systems,
random matrices

Honours: 1997, 1999 First Prize, National Scientific Student Conference,
Hungary
2000 Kató Rényi Prize awarded by the Bolyai János
Mathematical Society of Hungary
2001 Pro Scientia Prize awarded by the Council of National
Scientific Students' Associations, Hungary
2004 Géza Grünwald Prize awarded by the Bolyai János
Mathematical Society of Hungary

Teaching experience: Calculus, Linear Programming, Complex Variables, Problem Solving
Seminar
Exercise classes in Number Theory, Probability Theory, Calculus

Conference Talks:

- 2000: Debrecen (Hungary), *Colloquium on Number Theory in honor of the 60th birthday of Professors Kálmán Györi and András Sárközy*
- 2003: IHP, Paris, *Random Growth Models*
- 2003: Budapest, *Probability in Space and Time*
- 2003: Ovronnaz (Switzerland), *13th European Young Statisticians Meeting*
- 2004: IMPA, Rio de Janeiro, *Brazilian Workshop on Mathematical Physics*
- 2004: Oberwolfach, *Large Scale Stochastic Dynamics*
- 2005: Eurandom, Eindhoven, *Workshop on Self-similar Random Structures, Hausdorff Dimension and Branching*
- 2005: Oberwolfach, *Particle Systems with Several Conservation Laws*
- 2006: Heraklion (Greece), *Large Scale Stochastic Dynamics and Interaction with Kinetic Theory*
- 2006: Terschelling (Netherlands), *Spontaneous Symmetry Breaking in Particle Systems Far From Equilibrium*
- 2007: Fields Institute, Toronto, *Seminar on Stochastic Processes*

Seminar Talks:

- 2002: St. Flour (France), *International Probability School*
- 2003: Jülich (Germany), Forschungszentrum
- 2003: Prague, *Summer School in Statistical Mechanics*
- 2003: Munich, Technical University
- 2003: Toronto, Fields Institute, *Toronto Probability Seminar*
- 2005: Toronto, Fields Institute, *Toronto Probability Seminar*
- 2005: Madison, WI, *UW Math Probability Seminar*
- 2006: Ithaca, NY, *Probability Seminar, Cornell University*
- 2006: New York, NY, *Probability Seminar, Courant Institute*

Conferences Organized:

- 2005: Budapest, *Large Scale Behaviour of Interacting Particle Systems: Fluctuations and Hydrodynamics*
(co-organizer)