

# Curriculum Vitae

## Nándori Péter

### Personal data

Born on 25th February 1986 in Miskolc, Hungary

Hungarian citizen

### Education

**2009-** PhD Student in Mathematics, Budapest University of Technology and Economics (BME)

- Advisor: prof. Domokos Szász
- Topic: Stochastic properties of billiard models

**2009** MSc in Mathematics

**2005 - 2009** BME, Studying Mathematics

- Specialized in Stochastics and Algebra

**2004-2005** University of Miskolc, studying programming

**2000-2004** Földes Ferenc Grammar School, attending special mathematics class

### Conferences, summer schools

**2011** Recent advances in modern dynamics, Warwick, United Kingdom

**2011** Workshop Dedicated to Domokos Szász on the occasion of his 70th birthday, Budapest, Hungary

Title of presentation: Lorentz process with quasi reflecting walls

**2011** Weak Chaos, Infinite Ergodic Theory, and Anomalous Dynamics, Dresden, Germany

Title of presentation: CLT for time-dependent dynamical systems

**2011** Thematic Program on Dynamics and Transport in Disordered Systems, Toronto, Canada

Title of seminar talk: CLT for time-dependent dynamical systems

- 2010** 1st Conference of PhD Students in Mathematics, Szeged, Hungary  
Title of presentation: Billiards and Random Walks
- 2010** INdAM meeting "Hyperbolic Dynamical Systems in the Science", Corinaldo, Italy
- 2009** National Scientific Students' Conference, Szombathely, Hungary  
Title of presentation: Number of distinct sites visited by a random walk with internal states (in Hungarian)
- 2008** Summer School in Dynamical Systems, Coimbra, Portugal
- 2008** Workshop in Hyperbolic Dynamical Systems, Erwin Schrödinger Institute, Vienna, Austria
- 2007** 37th International Probability Summer School, Saint-Flour, France

## Work experience

- 2008** Analyst, summer internship, Morgan Stanley, Hungary (7 weeks)
- 2007-** Practice courses for engineer and mathematician students: calculus, probability theory, stochastic processes, problem solving seminar

## Honors

- 2009** Third Prize, National Scientific Students' Conference
- 2008, 2009** Second Prize, BME Mathematics Competition
- 2008** First Prize, Scientific Students' Conference, BME
- 2005, 2008** Scholarship of the Hungarian Republic

## State Language Certificates

**Russian** advanced (c1) level

**Spanish** advanced (c1) level (written part)

**English, French, Italian, Spanish** intermediate (b2) level

**German, Portuguese** intermediate (b2) level (written part)

## Publications

- P. Nándori: Number of distinct sites visited by a random walk with internal states, *Probability Theory and Related Fields* **150**, 3: 373-403, 2011.
- P. Nándori: Recurrence properties of a special type of Heavy-Tailed Random Walk, *Journal of Statistical Physics* **142**, 2: 342-355, 2011.
- P. Nándori, D. Szász, T. Varjú: A central limit theorem for time-dependent dynamical systems, *Journal of Statistical Physics* **146**, 6: 1213-1220, 2012.
- P. Nándori, D. Szász: Lorentz Process with shrinking holes in a wall, To appear in *Chaos: An Interdisciplinary Journal of Nonlinear Science*