CURRICULUM VITAE of
Domokos SZÁSZ

Personal: Born: August 18, 1941, Budapest. Married, 3 children

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Degrees: 1964: Diploma in Mathematics, Eötvös University, Budapest
1967: PhD, Eötvös University, Budapest
1971: Candidate's degree (with distinction), Lomonosov University, Moscow
1981: Degree of the Doctor of Mathematical Sciences, Hungarian Acad. Sci.

Positions: 1964-68: Assistant Prof., Dept. of Probability, Eötvös University, Budapest
1971-1999: Mathematical Institute of Hungarian Acad. of Sci.
(Research Fellow, Senior Research Fellow, Scientific Consultant)
1993-1996: Director of the Institute
1999-: Professor, Department of Stochastics, Budapest University of Technology
1999-2005: Director of the Institute of Mathematics
2005-2011: President, Section of Mathematics, Hungarian Acad. Sci.
2011-: Vice-President, Hungarian Acad. Sci.

Research areas: Dynamical systems, nonequilibrium statistical physics, probability.

Awards, **Distinctions:**

1969:	Grünwald Prize
1984:	1984 Research Prize of the Hungarian Academy of of Sciences
1990:	Corresponding Member of the Hungarian Academy of Sciences
1995:	Ordinary Member of the Hungarian Academy of Sciences
1995:	Szele Prize of J. Bolyai Math. Society for founding a school
1995 May-July:	Mark Kac Memorial Lectures, Amsterdam and Utrecht
2005:	Széchenyi Prize (by the President of Hungary)
2006:	József Nádor Medal, Budapest University of Technology
2009:	XVIth International Congress of Math. Physics, invited speaker and Laudatio for Sinai's Poincaré Prize, Prague
2014:	Member of Academia Europaea
2014:	Science Lecture, Abel Prize Ceremony, Oslo

Visiting professorships:

1. Dartmouth College, USA (Visiting Associate Professor), 6 months, 1977
2. Goethe Universität, Frankfurt (Visiting Full Professor) 6 months , 1977-78

3. Dartmouth College, USA (Visiting Full Professor), 6 months, 1985
4. Princeton University, USA (Visiting Full Professor), 1990-91.
5. University of Toronto, Canada (Visiting Full Professor), 2009 Fall term

Academic invitations:

1. IHES, Bures-sur-Yvette, (Visiting Member) 2 months, 1983
2. Università di Roma, Dipartimento di Matematica, 6 weeks, 1987 (CNR Visiting Scholar)
3. Rutgers University, Department of Mathematics, 6 weeks, 1988
4. Princeton University, Department of Mathematics, (Visiting Senior Research Mathematician) and Princeton Institute for Advanced Study (Visiting Member) 2 months, 1989
5. University of Arizona, Tucson, Department of Mathematics, 4 weeks, 1989
6. Princeton Institute for Advanced Study (Member), 1990 Fall Semester,
7. IHES, Bures-sur-Yvette, (Visiting Member) 1 month, 1993
8. Instituto de Matematica Pura et Aplicada, Rio de Janeiro, 1 month, April 1995
9. Erwin Schrödinger Institute, Vienna, 2 months, 1996 Fall
10. PennState University, State College PA, 4 weeks, 1998 Spring
11. Mittag-Leffler Institute, Stockholm, 2002 Spring
12. Theory Group, Microsoft Research Group, Redmond, Washington, June 2004
13. Institut H. Poincaré, Paris, 2005 Spring, 6 weeks.
14. Université de Rennes 1, IRMAR, 2006 June, 2 weeks
15. Fields Institute, Toronto, 2011, 1 month
16. Visiting Researcher, NYU, 2010, 2012, 2013, 2-4 weeks each

Students:

1. Full Professors: **Nándor Simányi** (U. of Alabama, Birmingham, USA), **Bálint Tóth** (Budapest Technical University and Bristol University), *László Erdős* (leader of Erdős-group, IST, Austria, earlier GeorgiaTech and Ludwig Maxmilian Universität, München), *András Szenes* (Geneva University, earlier Budapest University of Technology, and MIT, Cambridge, MA)
2. Associate Professors: **András Vetier**, **András Telcs** (DrAc, 2009), **Péter Bálint**, **Imre Tóth**, **Tamás Varjú** (all Budapest University of Technology),
3. Senior Lecturer in Probability: *A. Járai* (Bath University, UK)
4. Postdoc: **Péter Nándori** (NYU, from September 2013)
5. Graduate students: *D. Paulin* (National University of Singapore, Singapore, 2009-), *Zs. Pajor-Gyulai* (University of Maryland, College Park, MD, 2010-).

6. Chief Editor of Természet Világa (World of Nature): *Gyula Staar*
   (MSc students in italics)

Memberships: **Ed. Boards**: Annales Henri Poincaré (2008-: Editor of Section Classical
Mechanics; 1999-2007: Associate Editor); Studia Sci. Math. Hung. (1985-; Chief Editor, 1993-96),
Central European J. of Math. (2002-2014); European J. of Mathematics (2014-) J. of Stat. Physics (1989-1991),
Ergodic Theory and Dynamical Systems (1995-2000), Acta Math. Acad. Sci Hung. (1990-),
Bolyai Society Mathematical Studies, Springer (1998-),
Scientific Committees:
ECM96, Budapest: Vice-Chair, ECM00 Barcelona: Member; ECM04, Stockholm: Member of Prize Committee
International Scientific Adv. Committee, Schrödinger Institute, Vienna (1992-99);
International Advisory Board, Institute for Advanced Study, Budapest (2007-2011)
Scientific Committee, Banach International Center for Mathematics, Warsaw (2014-)
ERC Starting Grant Panel, Member since 2008.

Organizing activity:

1. Co-chairman of the OC, First and Second Colloquia on Random Fields, 1979 (Esztergom)
   and 1984 (Kőszeg)
2. Session Organizer, 7th International Congress on Mathematical Physics, 1983, Boulder,
   Colorado
3. Member the OC, Semester on Dynamical Systems, 1986, Banach Center, Warsaw
4. Member of Advisory Committee, 9-th (1988, Swansee), 10-th (1991, Leipzig), 11-th (1994,
   Paris) International Congresses on Mathematical Physics,
5. Co-chairman of the OC, Symposium on Classical and Quantum Billiards, 1994, Ascona,
   Switzerland.
6. Member of the Organizing Committee, Workshop on Statistical Physics, August 1995,
   Budapest, Hungary
7. Vice-chairman of the Scientific Committee, 2nd European Congress of Mathematicians,
   Budapest, 1996
8. Chairman of the Scientific Committee, Semester on Hyperbolic Systems with
   Singularities, Erwin Schrödinger Institute, Vienna, Fall of 1996
9. Co-chairman of the OC, Wokshop on Probability and Physics of Disordered Systems,
   Budapest, 1999
10. Member of the Scientific Committee, 3rd European Congress of Mathematicians,
    Barcelona, 2000
11. Member of the Prize Committee, 4th European Congress of Mathematicians,
    Stockholm, 2004

12. Co-chairman of the Scientific Committee, Semester on Hyperbolic Dynamical Systems, Erwin Schrödinger Institute, Vienna, Spring of 2008

13. Co-organizer of Workshop on Billiard Models in Classical Mechanics, Fields Institute, Toronto, June 2011

Invited talks (last 20 years):

1. Memorial Conference on the 150th Birthday of L. Boltzmann, February 1994, Vienna
2. Dynamics Days International Conference, June 1994, Budapest
3. Symposium on Classical and Quantum Billiards, July 1994, Ascona, Switzerland
4. Workshop on Dynamical Systems, May 1995, Trieste, Italy
5. Symposium on Ergodic Theory and Dynamical Systems, July 1995, Warsaw
6. Conferences on Dynamical Systems, Oberwolfach, July 1995, 1997, 1999, 2001
7. Probability and Physics, Workshop, August 1995, Renkum, Netherlands
8. Mark Kac Lectures, Amsterdam, May, June, July 1996
9. Minicourse and Workshop on Hyperbolic Dynamics, 4 hours minicourse, ETH, Zürich, May 1997
10. International Symposium on Dynamical Systems, Rio de Janeiro, August 1997
11. Irreversibility and Chaos, workshop, Budapest, September 1997 (Opening Lecture)
12. Probability Theory in Physics and Biology, Conference, Oberwolfach, December 1997
13. Conference on Probabilistic and Thermodynamic Aspects of Nonlinear Dynamical Systems, Bruxelles, July 1998 (Opening Lecture)
14. Workshop on Dynamical Systems, Trieste, September 1998
15. Workshop on Dynamical Systems, Lisbon, March 1999
15. Conference on Dynamical Systems, Porto, May 2000
17. Conference on Dynamical Systems, Edinburgh, July 2000
18. Quadriennial Conference on Dynamical Systems, Rio de Janeiro, July 2000
19. "Regular and Unstable Motion in Hamiltonian Systems", September 2000, Rome
20. Semester on Random Walks, ESI, Vienna, Spring 2001
21. School and Workshop on Dynamical Systems, ICTP, Trieste, 2001
22. International Conference on Diff. Equ. and Math. Phys. Birmingham, Alabama, March 2002;
23. Lieb-Fest, ESI, Vienna, July 2002;
24. Joint Symposium on Fundamental Sciences between Hokkaido University an Budapest University of Technology, Sapporo, March 2003;
25. Recent Advances in Hyperbolic Dynamics, FIM-ETH, Zürich, June 2003;
26. Randomness in Space and in Time, Workshop, Budapest, June 2003;
27. International Conference on Dynamical Systems, Porto, July 2003
28. von Neumann Memorial Congress, Budapest, October 2003
29. Dynamics of Complex Systems, RIMS, Kyoto, January 2004
30. Multidimensional Non-Uniformly Hyperbolic Dynamical Systems, Marseille, May 2004
31. MSRI Conference on Recent Progress in Dynamics, Berkeley, September 2004

32. Workshop on Recent and future developments in Hamiltonians systems: theory and applications, Institut H. Poincaré, Paris, May 2005

33. Workshop on Probabilistic Limit Laws for Dynamical Systems, ICMS Edinburgh, June 2005.

36. Workshop on Stochastic properties of dynamical systems. May 2005. Roscoff, France.

37. Large Scale Behaviour of Interacting Particle Systems: Fluctuartions and Hydrodynamics, Budapest, 2005

38. Dynamical Systems and Statistical Mechanics, LMS Symposium, Durham, July 2006

39. Atoms, Irreversibility and Entropy, Boltzmann Conference, Munich, 2006 October.

39. Conference on Nonuniformly Hyperbolic Dynamics and Smooth Ergodic Theory, Lisbon, June 2007.

40. Hydrodynamics and Fluctuations in Interacting Particle Systems, Budapest, 2008

41. Dynamics and Statistics of Spatially Extended Systems, Banff, Alberta, 2009

42. XVI INTERNATIONAL CONGRESS ON MATHEMATICAL PHYSICS, Prague, 2009

43. Dobrushin Memorial Conference, Moscow, 2009 (could not participate)

44. Hyperbolic Dynamical Systems in the Sciences, Corinaldo, Italy, May 2010

45. Workshop on Infinite Ergodic Theory, Rehovot, Israel, June 2010

46. Ergodic Theory and Dynamical Systems, Warwick, U. K., September 2010

47. Chaotic and Transport Properties of Higher-Dimensional Dynamical Systems, Cuernavaca, Mexico, January 2011

48. Workshop on the Fourier Law and Related Topics, Toronto, April 2011

49. Workshop on Weak Chaos, Infinite Ergodic Theory, and Anomalous Dynamics, Max Planck Institute, Dresden, August 2011

50. Ergodic Theory and Dynamical Systems: Perspectives and Prospects, Warwick, April 2012

51. Workshop on Infinite Ergodic Theory, Surrey, May 2012

52. Conference on Dynamical Systems, Montevideo, August 2012

53. Workshop on Large Deviations and Thermodynamic Formalism, Bernoulli Center, Lausanne, March 2013

54. School and Workshop on Hyperbolic Dynamics, Large Deviations and Fluctuations, Lausanne, May-June 2013

55. Erdős Centennial, July 2013

56. International Conference on Dynamical Systems, IMPA, Rio de Janeiro, November 2013

57. Probability, Analysis and Dynamics, Bristol, April 2014

58. Advances and Perspectives in Ergodic Theory, Erlangen, May 2014

59. Abel Prize Ceremony, Science Lecture, Oslo, May 2014

September, 2014