

CURRICULUM VITAE

Sándor Nagy

Personal data

<i>Name:</i>	Sándor Nagy
<i>Citizenship:</i>	Hungarian
<i>Date of birth, place:</i>	25 April 1975, Hajdúböszörmény (Hungary)
<i>Working place:</i>	Department of Theoretical Physics, University of Debrecen 4026 Debrecen, Bem sq 18/B.
<i>Qualifications:</i>	M.Sc. in physics, physics teacher, special translator (Kossuth Lajos University, Debrecen, 1999, dipl. number: 410/1999.) Ph.D. Summa cum laude (University of Debrecen, Debrecen, 2005, number: 39/2005)
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Professional career

1. 1999 graduate at Kossuth Lajos University, Debrecen as M.Sc. in physics, physics teacher, special translator
2. 1999-2002 Ph.D. student, Dep. of Theoretical Physics, University of Debrecen
3. 2002-2003 FKFP scholarship, Dep. of Theoretical Physics, University of Debrecen
4. 2003-2010 assistant, Dep. of Theoretical Physics, University of Debrecen
5. 2010-pres assistant professor, Dep. of Theoretical Physics, University of Debrecen

Grants, awards

1. March-August 1998, EPS Grant, Louis Pasteur University, Strasbourg, France
2. Medallion of Faculty of Science, Kossuth Lajos University, 1999
3. August-September 1999, November 1999, DAAD-MÖB project, University of Technology, Dresden, Germany
4. June, November 2000, NATO Grant, Louis Pasteur University
5. February - April 2001, ERASMUS Grant, Louis Pasteur University
6. OTKA grant (49029), participant, (lead researcher: Dr Ferenc Kun)
7. May-June 2006, Postdoc guest at Louis Pasteur University
8. 2006-2007, MTA CNRS Grant in collaboration with Louis Pasteur University
9. 2006-2007, Grant Öveges of the National Office for Research and Technology
10. 2008-2009, MTA CNRS Grant in collaboration with Louis Pasteur University
11. June-August 2009, Postdoc guest at Strasbourg University, High Energy Theory Group, CNRS-IPHC
12. 2013-2014, Magyary grant (NKPR-2013-5148)
13. 2013-2016, Research University grant, University of Debrecen

Subjects

1. *Electricity (TFBE-1205)* lecture and problems class
2. *Network and systems (TFBE-1206)* lecture and problems class
3. *Functional renormalization group method (TFME-0226)* lecture

Previous subjects Signals and systems lecture, Classical mechanics 2 lecture, Classical mechanics 1-2 problems class, Classical electrodynamics lecture and problems class, Quantum mechanics problems class, Modeling of chaotic systems problems class, Modeling of deterministic systems problems class, Modeling of self-organising systems problems class

Research interest

During my scientific activity I have worked on *quantum field theory*. My fields of research are

1. functional renormalization group method in scalar models,
2. infrared fixed point, criticality in the broken symmetric phase,
3. asymptotic safety in quantum Einstein gravity.