

CURRICULUM VITAE

Name: Dmytro Volin
Born: 06 March 1983, Kiev, Ukraine
Nationality: Ukrainian
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Languages: English, French, Russian, Ukrainian
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Research interests

Integrable models, AdS/CFT correspondence, strongly coupled field theories

Work

Nordita, Sweden — PostDoc since 2011
Pennsylvania State University, USA — PostDoc 2009-2011

Education

Institut de Physique Théorique, C.E.A. - Saclay — PhD degree (defended 25 SEP 2009, with mention "highly honorable") 2006-2009
Title of thesis: "Quantum integrability and functional equations"
Advisors: I. Kostov and D. Serban.

Bogolyubov Institute for Theoretical Physics (Kiev, Ukraine) — stage 2005–2006

Taras Shevchenko Kiev State University, Physical faculty, Chair of quantum field theory — Master's degree (with high honors) 2004–2005
Title of thesis: "Aspects of quantization of topological theories"
Advisors: N.Iorgov and A.Losev

Taras Shevchenko Kiev State University, Physical department, Chair of quantum field theory — Bachelor's degree (with high honors) 2000–2004
Title of thesis: "Finiteness of generalized Chern-Simons theories"
Advisors: N.Iorgov and A.Losev

Physics-mathematical school N145 (lyceum of natural sciences), Kiev (graduated with a gold medal ~ diploma with high honors) 1996–2000

Awards

Silver medal of the International Chemical Olympiad (Copenhagen, Denmark) June 2000

Talks at conferences

Higher dimensional CFT and integrability (Paris, France)	Dec 2011
Integrability in gauge and string theories (Perimeter, Canada)	Aug 2011
Non-Perturbative Techniques in Field Theory (Durham, UK)	Jul 2010
Enrage topical meeting (Dresden, Germany)	May 2009
Integrability and the Gauge/String Correspondence (Cambridge, UK)	Dec 2008
XI International Conference: Symmetry in Physics (Prague, Czech Republic)	Jun 2004

Schools

Exact Methods in Low-dimensional Statistical Physics and Quantum Computing (Les Houches, France)	Jul 2008
Cracow School of Theoretical Physics: Aspects of Duality (Zakopane, Poland). Contributed a talk	Jun 2008
Network School on Random Matrices and Random Geometry (Universitat de Barcelona, Spain). Contributed a talk	Apr 2007
School on string dualities (IHES, France)	Jan 2006
School on mirror symmetry (USTC, Shanghai, China)	Dec 2005

Teaching experience

Web-lectures on quantum integrability, for graduate and advanced undergraduate students. Materials available at nordita.webex.com/meet/nordita .	2011-2012
Lecturer at first Mathematica school (Porto University, Portugal)	Jun 2009
Web-seminars on rational integrable spin chains at the scientific and educational center of Bogolyubov Institute for Theoretical Physics (SEC, BITP, Kiev, Ukraine)	spring 2009
Seminars on path integral and nonperturbative effects for 2-4th year students (SEC, BITP, Kiev, Ukraine)	spring 2008
Lectures and seminars on modern differential geometry for 2-4th year students. (SEC, BITP, Kiev, Ukraine)	2004-2005

Organization experience

School on integrability and AdS/CFT correspondence (SEC, BITP, Kiev, Ukraine) Mar 2007

Organization of two schools in the format "teaching and learning". We formed a small group of students, studied the prepared topics during two weeks and after discussed with senior researches the questions that had appeared. The subject of the first school was supersymmetry. The second school was devoted to algebraic topology, geometric structure of SYM theory and basics of string theory. August 2004 and 2005