



Mikhail Evtikhiev

Personal details

<i>Birth</i>	December 15, 1992
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Education

PhD in Physics

2015– Weizmann Institute of Science

Faculty of Physics

Master of Science in Physics

2013–2015 Weizmann Institute of Science

Faculty of Physics

GPA: 90.8 out of 100 (class GPA 89.8), diploma issued November 2015

Master thesis theme: “On superconformal theories in 4 dimensions”

Supervisor: prof. Ofer Aharony, Department of Particle Physics and Astrophysics

Bachelor of Science in Physics with Honors

2009–2013 St Petersburg State Polytechnical University

Department of Physics and Nanotechnology

GPA: 5.0 out of 5.0, diploma issued June 2013

Bachelor’s thesis theme: “Analysis of Lane-Emden equation solutions”

Supervisor: prof. D.A. Varshalovich, Department of theoretical astrophysics,
Ioffe Physical-Technical Institute

Research and teaching experience

Research in theoretical high energy physics

2014 – present: research towards properties of superconformal theories in 4 dimensions,
publications list: <http://inspirehep.net/author/profile/M.Evtikhiev.1>

Bachelor’s thesis research

2012 – 2013: St Petersburg, Ioffe Physical Technical Insitute, Sector of Theoretical Astrophysics
— research towards properties of 3D Lane-Emden equation (dependence of cloud radius and cloud mass upon polytrope index)

Teaching experience

2014–present Teaching assistant in graduate courses on Quantum Field Theory and Quantum Mechanics 2 at Feinberg Graduate School in Weizmann Institute

2009, 2011, 2013: Instructor on a summer physical school for high school students

2010 – 2012: Instructor on training courses for Russian National Physics Olympiad for high school students

2012, 2013: Jury member on St Petersburg school physics olympiad

Honors

Olympiads

2013: International Mathematics Competition for University Students (IMC) — 2nd prize in personal competition, 6th place in competition of 72 teams.

2011: International Internet Mathematical Olympiad, Ariel — 2nd prize in personal and team competition (14th place in personal competition of ≈ 200 participants of superfinal, ≈ 3000 participants in preliminary contests, 2nd place in competition of 16 teams)

2011: Russian National Physics Olympiad Finals, Moscow — 1st prize in team competition of ≈ 20 teams, 4th place in personal competition among ≈ 80 participants

Summer/Winter schools

2016: CERN Winter School on Supergravity, Strings, and Gauge Theory

2013: Mathematica school on Advanced Topics in Conformal Field Theory (ICTP Trieste, Italy)

2012: International school on Strings and Fundamental Physics (DESY Hamburg, Germany)

2011: Kiev ITP summer school on Standard Model and theoretical physics (Kiev, Ukraine)

Scholarships

2012: A.F.Ioffe scholarship for undergraduates doing research at Ioffe Physical Technical Institute (5 scholarships, ≈ 500 undergraduates doing research at Ioffe PTI)

2012 – 2013: Russian Government scholarship (awarded to ≈ 80 out of ≈ 12000 students of the university)

2011 – 2013: University Scientific Council scholarship (awarded to ≈ 200 out of ≈ 12000 students of the university)

2010 – 2013: Extended academic scholarship for excellent grades

Grants

2012: Russian Federation President grant for talented youth (awarded for successful participation in national and international olympiads, 5350 grants for Russian citizens of age 14–25)

2012: EducationUSA Opportunity grant

Honorable Mentions

2012: Rector and Scientific Council Honorable Diploma for successes in scientific research, awarded to the top 10 out of ≈ 30000 university students

Skills and exams

Exams

GRE 2012:	Physics: 900 (87%)	V: 160 (83%)	Q: 169 (98%)	W: 4.0 (49%)	
TOEFL 2012:	R: 30	L: 30	S: 20	W: 30	Σ : 110

Skills

Mathematica, Fortran, \LaTeX , English (fluent), German (basic), Hebrew (basic), Russian (mother tongue)