

Curriculum Vitae

Mikhail Shkolnikov

E-mail: mikhail.shkolnikov@gmail.com

Phone: +41-079-174-26-97 (in Swiss) and +7-812-774-12-31(in Russia)

Nationality: Russian, Estonian

Date and place of birth: 4 october 1991, Saint-Petersburg, Russia

Matrimonial status: not married

Personal address in Swiss: 1205, rue Emile-Nicolet 9, Geneva, Switzerland
in Russia: 192071, Turku Street 9/3, ap. 47, Saint-Petersburg, Russia

Education:

June 2012-present
University of Geneva, Faculty of Sciences
Section of Mathematics
PhD Program

February 2012 - June 2012
University of Geneva, Faculty of Sciences
Section of Mathematics
Master degree obtained in June 2012

September 2008 - January 2012
Saint-Petersburg State University, Russia,
The Faculty of Mathematics and Mechanics,
Department of Higher Geometry and Topology.

September 2005 - June 2008
Laboratory of Continuous Mathematical Education, Saint-Petersburg, Russia
High school certificate obtained in June 2008

September 2000 - June 2005
Economics Lyceum, the school № 226, Saint-Petersburg, Russia
Secondary school certificate obtained in June 2005

Employment:

September 2012 - present
University of Geneva, Faculty of Sciences
Section of Mathematics
Collaborateur Scientifique, 80%

March 2012 - June 2012
University of Geneva, Faculty of Sciences
Section of Mathematics
Attaché de recherches, 75%

Certificates of academic achievements:

ICYS (International Conference for Young Scientists), I prize (May 2008);
ISEF(International Science and Engineering Fair), III prize (April 2008);
Baltic-SEF (Science and Engineering Fair), I prize (February 2008);
Student contest for algebra of Moscow State University, II prize (November 2009);
Summer Diffiety School B1 and B2 exam certificates, honor degree (August 2010),
Winter Diffiety School A1 and A2 exam certificates, honor degree (February 2011).
Student contest for algebra of Moscow State University, II prize (December 2011);
Rokhlin Grant of PDMI (January 2012)

List of publications:

- 1) Mikhail Shkolnikov "Hyperbolic Tropical Geometry", Master Thesis at UNIGE, June 2012, to be expanded and published
- 2) Mikhail Shkolnikov "Kauffman polynomial of rational links", <http://www.pdmi.ras.ru/preprint/2011/11-12.html> (in Russian), September 2011
- 3) Sergei Duzhin, Mikhail Shkolnikov "Bipartite knots", <http://arxiv.org/abs/1105.1264> , accepted for publication in Fundamenta Math., May 2011
- 4) Sergei Duzhin, Mikhail Shkolnikov "A formula for the HOMFLY polynomial of rational links", <http://arxiv.org/abs/1009.1800> , September 2010
- 5)Mikhail Shkolnikov, "Symmetric Algebras", May 2008, ISEF Notes 2008

Teaching experience:

Gave two mini-courses at the Summer school organized by the Laboratory of Continuous Mathematical Education in 2009:

- 1) Introduction to Algebraic Topology
- 2) Synthetic Geometry