

Alena O. Likhacheva

**PhD student, “Mathematics and
Mechanics, Mathematical logic, Algebra
and Number Theory”**

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Date of Birth: 03 November 1992

Age: 26



<https://scholar.google.ru/citations?user=tKGmlUgAAAAJ>

WORK EXPERIENCE

September 2018 – present

*Manager of the Office of International Projects and Programs,
Department of International Cooperation,
Siberian Federal University (Krasnoyarsk, Russia).*

Duties: work with foreign programs and competitions of grants of international funds, information and methodological support for students on grant programs; organizing and conducting presentations and events on international grant programs; business correspondence.

April 2018 – September 2018

Project-manager, Science Entertainment Team “Elementika” (Krasnoyarsk, Russia).

Duties: work with clients; preparation and support of events; quality control, deadlines, budgets and risks of the project; registration of contracts; cold calls; business correspondence.

November 2013 – April 2018

Secretary, School of Mathematics and Computer Science SibFU (Krasnoyarsk, Russia).

Duties: work with students and staff; work with computer, copy and other office equipment; record keeping in the framework of the Institute’s activities; business correspondence.

September 2015- August 2016

Scientific secretary of international conferences Algebra and Logic: Theory and Applications and International XI School-Conference on Group Theory, School of Mathematics and Computer Science SibFU (Krasnoyarsk, Russia).

Duties: organization and support of the conference; business correspondence.

TEACHING EXPERIENCE

May 2016 - present

- math tutor

SCIENTIFIC INTERESTS

- Algebra
- Group Theory
- Lie algebra and groups of Lie type

EDUCATION

2016 - present

School of Mathematics and Computer Science, Siberian Federal University, Krasnoyarsk, Russia

PhD student, "Mathematics and Mechanics, Mathematical logic, algebra and number theory".
The theme of research is "Subgroups and Lie rings defined by sets of additive subgroups and root systems"

2014 - 2016

School of Mathematics and Computer Science, Siberian Federal University, Krasnoyarsk, Russia (Algebra, Logic and Discrete Mathematics Department) Master of Mathematics.

Title of the thesis is "On irreducible carpets of additive subgroups of type B_n , C_n , F_4 "

2010-2014

School of Mathematics and Computer Science, Siberian Federal University, Krasnoyarsk, Russia

Bachelor of applied mathematics and computer science

GRANT PARTICIPATION

2016 –2019

"Problems of Classification, Structure and Characterization of Algebraic and Geometric Systems" (project number is 16-01-00707), Grant by Russian Foundation for Basic Research, *coordinator*.

SKILLS English (B2), German (A1), MS Office, LaTeX, WinEdt., MS SQL Server

PARTICIPATION IN CONFERENCES

1. International Algebraic Conference dedicated to the 110th anniversary of the birth of Alexander G. Kurosh, Lomonosov Moscow State University, Moscow, 2018.
2. Youth and Science "Prospekt Svobodny-2017", Krasnoyarsk, SibFU, 2017
3. International Conference "Maltsev Meeting" (Novosibirsk, November 21-25, 2016);
4. XI international school-conference on group theory, dedicated to the 70th birthday of A.Yu. Olshansky (Krasnoyarsk, July 27 - August 2, 2016);
5. Youth and Science "Prospekt Svobodny-2016", Krasnoyarsk, SibFU, 2016.
6. Youth and Science "Prospekt Svobodny-2015", Krasnoyarsk, SibFU, 2015.
7. Youth and Science, Krasnoyarsk, SibFU, 2014.
8. Youth and Science, Krasnoyarsk, SibFU, 2013.
9. Youth and Science, Krasnoyarsk, SibFU, 2012.

PUBLICATIONS: 11.

- Likhacheva A. The number of conjugacy classes of a unipotent subgroup of a Chevalley group of type B_2 over a finite field of odd characteristic. Youth and Science: A Compendium of Materials of the VIII All-Russian Scientific and Technical Conference of Students, Graduate Students and Young Scientists, dedicated to the 155th anniversary of the birth of KE Tsiolkovsky [Electronic resource] .-Krasnoyarsk, SibFU, 2012
- Kuklina S. Likhacheva A. An example of an inadmissible carpet of type B_2 . Young people and science: a collection of materials of the All-Technical conference of students, post-graduate students and young scientists with an international participation, dedicated to the 385th anniversary of the founding of the city of Krasnoyarsk [Electronic resource] .- Krasnoyarsk, SibFU 2013.

- Kuklina S., Likhacheva A. Examples of non-closed carpets of additive subgroups (theses), Youth and Science, Vol. 2. [Electronic resource] .- Krasnoyarsk, SibFU, 2014.
- Kuklina S., Likhacheva A., Nuzhin Y. Examples of non-closed carpets (theses). Algebra and applications, proceedings of an international conference on algebra dedicated to the 100th anniversary of the birth of LA Kaluzhnin, Nalchik, Kabardino-Balkarian State University publishing house, 2014.
- Likhacheva A. About the closure of carpets of type B_n , C_n , F_4 over commutative rings (theses). Proceedings of the International Conference of Students, Postgraduates and Young Scientists "Prospekt Svobodny-2015", dedicated to the 70th anniversary of the Great Victory, Krasnoyarsk, SibFU, 2015.
- Kuklina S., Likhacheva A., Nuzhin Y. About the closeness of carpets of the Lie type over commutative rings. Proceedings of the Institute of Mathematics and Mechanics, RAS, Ural Branch, Vol 21, Ekaterinburg, 2015.
- Likhacheva A. About the closedness of carpets of additive subgroups above a locally finite field (theses). Collection of materials of the International Conference of Students, Postgraduates and Young Scientists "Prospekt Svobodny-2016". [Electronic resource] .- Krasnoyarsk, SibFU, 2016.
- Kuklina S., Likhacheva A., Nuzhin Ya. About the closedness of carpets of additive subgroups over a locally finite field (theses). XI School-Conference on Group Theory, Krasnoyarsk, SibFU, 2016.
- Kuklina S., Likhacheva A., Nuzhin Y. About irreducible carpets of additive subgroups over locally finite fields. Maltsev Meetings, Novosibirsk, Math. S.L. SB RAS, 2016
- Koibaev V., Kuklina S., Likhacheva A., Nuzhin Y. Subgroups, of Chevalley Groups over a Locally Finite Field, Defined by a Family of Additive Subgroups, Math. Notes, 102:6 (2017), 792–79 (WoS, Scopus)
- Likhacheva A. On irreducible carpets of additive subgroups of type F_4 . Collection of theses of reports of the international algebraic conference dedicated to the 110th anniversary of the birth of A.G. Kurosh (May 23 - May 25, 2018), Moscow

AWARDS

1. The First degree diploma of the international conference Youth and Science "Prospekt Svobodny-2015", Krasnoyarsk, SibFU, 2015
2. The Second degree diploma of the international conference Youth and Science, Krasnoyarsk, SibFU, 2014.

TRAINING

1. School-workshop Diploma "How to do science at the university", SibFU, 2018.
2. Certificate of professional development "Direction and methods of interdisciplinary research of the digital economy", SibFU, 2017