

ILIA KIRILLOV

EDUCATION:

University of Toronto, Ph.D. in Mathematics, since 2019

Supervisors:

Boris Khesin (University of Toronto);

Moscow State University, MSc in Mathematics, 2019

Supervisors:

Anton Izosimov (University of Arizona);

Andrej Oshemkov (Moscow State University);

ADDITIONAL EDUCATION:

Independent University of Moscow, since 2014

10 grad-level courses passed,

e.g. courses in Algebraic Topology, Differential Geometry and Li Groups;

INTERSHIPS AND SUMMER PROGRAMS:

One month research Internship at Friedrich Schiller University Jena, 2018

Under supervision of prof. Matveev;

Fields Undergraduate Summer Research Program, Toronto, 2018

Research Project: Biomedical Data Analysis in Transformed Spaces

Scuola Matematica Interuniversitaria, Perugia, 2017 Courses in Game Theory and Statistics;

Partial Differential Equations, Lisbon, 2016

Geometrical Methods of Mathematical Physics, Moscow, 2015

Contemporary Mathematics, Dubna, 2014.

Contemporary Mathematics, Dubna, 2013.

Contemporary Mathematics, Dubna, 2012.

AWARDS AND GRANTS:

Basis Foundation Stipend for Students in Mathematics, 2018

Simons Stipend for Students and Graduate Students in Mathematics, 2018

AMS Menger Award at the Intel ISEF, 2013

PUBLICATIONS:

Classification of coadjoint orbits for symplectomorphism groups of surfaces, to appear in IMRN, 2022

Morse-Darboux lemma for surfaces with boundary, Journal of Geometry and Physics, 2018

CONTRIBUTED TALKS:

2020 CMS Winter Meeting, Symplectic Topology Session

Classification of coadjoint orbits for symplectomorphism groups of surfaces with boundary;

FDIS-2019, Shanghai

Coadjoint orbits for the groups of symplectomorphisms of surfaces;

Geometrietag 2018 in Dresden

Coadjoint orbits of symplectic diffeomorphisms of surfaces with boundary;

Student Conference Lomonosov, Moscow, 2016

Morse-Darboux lemma for surfaces with boundary;