

# Asilya Suleymanova

*Curriculum Vitae*

*Rawles Hall, room 437  
Bloomington IN 47405, USA*

*email: asuleym@iu.edu  
homepage: asilyasuleymanova.github.io*

## EMPLOYMENT

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- **Indiana University**, Bloomington, USA. Aug 2018 – Present  
Zorn Postdoc.
- **Max Planck Institute for Mathematics**, Bonn, Germany. Oct 2017 – July 2018  
Postdoc.

## EDUCATION

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- **Berlin Mathematical School**, Berlin, Germany. 2014 – 2017  
Graduate student.
- **Humboldt University of Berlin**, Berlin, Germany. 2013 – 2017  
Ph.D in Mathematics. Advisor: Jochen Brüning.
- **Lomonosow Moscow State University**, Moscow, Russia. 2008 – 2013  
Bachelor's and Master's degrees in Mathematics.  
Advisor: Andrei Shafarevich.

## PAPERS

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- **Spectral geometry of surfaces with curved conic singularities.** Preprint. 2017  
arXiv:1711.00577
- **Heat trace asymptotics for wedge-like singularity.** Preprint. 2017  
arXiv:1710.06392
- **On the spectral geometry of manifolds with conic singularities.** Preprint, submitted. 2017  
arxiv:1710.05355
- **Heat trace expansion on manifolds with conic singularities.** Preprint, submitted. 2017  
arxiv:1701.01874
- **Spectral Series of the Schrödinger Operator with Delta-Potential on a Three-Dimensional Spherically Symmetric Manifold.** T.Ratiu, A.Shafarevich, A.Suleymanova, Russian J. of Math. Phys., Vol. 20, No. 3, pages: 326-335. 2013

## INVITED TALKS

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- **Purdue University**, West Lafayette, USA. December 2018
- **Indiana University**, Bloomington, USA. August 2018
- **Max Planck Institute for Mathematics**, Bonn, Germany. March 2018
- **University of Bonn**, Bonn, Germany. January 2018
- **University of Luxembourg**, Luxembourg. November 2017
- **Rutgers University**, New Brunswick, USA. October 2017
- **McGill University**, Montreal, Canada. January 2017
- **University of Potsdam**, Potsdam, Germany. December 2016

## CONFERENCE TALKS

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- **Junior Geometry and Topology in the Midwest**, Madison, WI, USA. 2018
- **Days of Diffraction**, St. Petersburg, Russia. 2018
- **Geometric and Singular Analysis Conference**, Potsdam, Germany. 2018
- **Conference – Geometric Analysis at Roscoff**, Roscoff, France. 2017
- **Workshop on loop spaces, supersymmetry and index theory**, Tianjin, China. 2017
- **BMS Conference**, Berlin, Germany. 2017
- **Young women in geometry**, Bonn, Germany. 2016
- **BMS Conference**, Berlin, Germany. 2016
- **BMS Conference**, Berlin, Germany. 2015
- **Conference "Lomonosov-2013" in Moscow**, Moscow, Russia. 2013

## TEACHING AND WORK EXPERIENCE

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- **Finite Mathematics, M118**, Indiana University, Bloomington. Fall 2018  
Instructor.
- **Differential Geometry 2**, Humboldt University of Berlin. Spring 2015  
Created exercise sheets, taught classes, created and graded homeworks.
- **Ordinary Differential Equations**, Humboldt University of Berlin. Fall 2014  
Created exercise sheets, taught classes, created and graded homeworks.
- **Organiser of "What is...?" interdisciplinary student seminar**, BMS, Berlin. 2016-2017
- **Teacher at evarist.org** 2016-present  
Online education project for learning math through problem solving.
- **Software engineer**, Scientific Research Institute for System Studies of RAS, Moscow. 2012-2013
- **Math teacher**, Lyceum "Second School", Moscow. 2010-2012
- **Editor of lyceum Journal "Golos"**, Lyceum "Second School", Moscow. 2008-2009

## FELLOWSHIPS AND HONORS

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- **Hilda Geiringer Scholarship for outstanding achievements**, BMS, Berlin. 2014
- **Moscow Mathematics Olympiad**, Prize. 2008
- **Mathematics Kurchatov-Olympiad**, First Prize. 2008
- **National Physical and Mathematical-Olympiad Rosatom**, Prize. 2007
- **Team Physics Olympiad**, First Prize. 2007
- **Lomonosov Tournament**, Second Prize. 2007

## SUMMER SCHOOLS AND WORKSHOPS ATTENDED

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- **Analysis and Geometry on Graphs and Manifolds**, Potsdam, Germany. 2017
- **Workshop on Geometric and Singular Analysis**, Potsdam, Germany. 2017
- **Fields Institute Focus Program on Topology, Stratified Spaces and Particle Physics** 2016  
Toronto, Canada.
- **Summer School on Spectral Geometry**, Göttingen, Germany. 2014
- **Summer School on Stratified Spaces**, Berlin, Germany. 2014
- **International Workshop on Geometric and Singular Analysis**, Potsdam, Germany. 2014
- **Summer School on Geometry and Mathematical Physics**, Moscow, Russia. 2012

## LANGUAGES

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- **Russian**, native.
- **English**, fluent.
- **German**, C1 certificate.
- **French**, B1 certificate.