

# Curriculum vitae

## PD Dr. Alexander B. Ivanov

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## Academic positions

Feb. 2022 – Jan. 2025	Heisenberg position, University of Bonn (scheduled)
Oct. 2017 – Jan. 2022	Postdoc, University of Bonn, working group of Prof. Dr. Peter Scholze
Apr. – Sep. 2019, May – Oct. 2021	Parental leave
Winter term 2018/19	Interim W1-professor, University of Frankfurt
Sep. 2016 – Aug. 2017	Postdoc, University Paris VI, host: Prof. Dr. Laurent Fargues
Apr. 2013 – Aug. 2016	Postdoc, TU Munich, working group of Prof. Dr. Eva Viehmann
Feb. – Apr. 2013	Postdoc, Trimester-Program “Arithmetic and Geometry” Hausdorff Center for Mathematics, Bonn

## Education

2021	Habilitation in Mathematics, University of Bonn Title: <i>p-adic Deligne-Lusztig theory</i> Habilitation colloquium: February 11, 2021 Inaugural lecture: April 16, 2021
2009 – 2013	Ph. D. in Mathematics, University of Heidelberg, Degree: Dr. rer. nat. (magna cum laude) Title: <i>Arithmetic and anabelian theorems for stable sets of primes in number fields</i> Date: February 18, 2013 Advisor: PD Dr. Jakob Stix
2005 – 2009	Study of Mathematics, University of Bonn Degree: Diplom (Grade: 1,0) Title: <i>Kohomologie von affinen Deligne-Lusztig Varietäten in der affinen Flaggenvarietät von <math>GL_2</math></i> Date: August 27, 2009 Advisors: Prof. Dr. M. Rapoport and PD Dr. U. Görtz

## Academical stays abroad

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|------------------------|--|
| Sep. 28 – Oct. 4, 2018 | Stay at the University of Kyoto (funded by host)   |
| Sep. 2016 – Aug. 2017  | University Paris VI (Jussieu)<br>Host: Prof. Dr. Laurent Fargues<br>(funded by the DFG through a research grant) |
| Feb. – Mar. 2014       | University of Philadelphia<br>Host: Prof. Dr. Florian Pop (funded by host)                                       |

## Received third-party fundings (after Ph. D.)

- Research grant of the German Research Foundation (DFG), stay abroad in Paris, Sep. 2016 – Aug. 2017
- Accepted to the Heisenberg Programme of the German Research foundation (DFG)  
Project title: “*p-adic Deligne–Lusztig theory*”  
Date of acceptance: 31.03.2021

## Appearance on short-lists for professor positions

- Professorship (W2, tenure track W2 permanent) in Mathematics at the University Bielefeld (advertised 2019): place 3 of the short list.
- Assistant Professor (tenure track) in Mathematics at the University of Luxembourg (advertised in 2020): place 4 of the short list.
- Junior Professorship for Algebra and Number theory (W1, tenure track W2 permanent) at the University of Duisburg-Essen (advertised in 2018): place 4 of the short list.
- Junior Professorship for Algebra and Number theory (W1, non-tenured) at the Humboldt University Berlin (advertised in 2016): place 2 of the short list.

## Invited talks at international conferences and research seminars

- (scheduled) Representation and Number Theory Seminar, online, Chinese University of Hong Kong, Oct. 2021
- Recent Advances in Modern  $p$ -Adic Geometry (RAMpAGe) Seminar, online, Jan. 2021 (<http://math.bu.edu/people/jsweinst/rampage/>)
- Séminaire Groupes Réductifs et Formes Automorphes de l’IMJ-PRG, Université Paris VI and VII, Nov. 2019
- Séminaire de Géométrie Arithmétique et Motivicque, Université Paris XIII, Nov. 2019
- International Conference on Representation Theory VIII, Harbin (China), Jul. 2019
- Séminaire et groupe de travail d’Algèbre et Théorie des Nombres, Besançon, Mar. 2019
- Algebraic and Arithmetic Geometry Seminar, Bielefeld, Jan. 2019

- Arithmetics of Shimura Varieties, Workshop, Oberwolfach, Jan. 2019
- 4<sup>th</sup> KTGU Mathematics Workshop for Young Researchers, University Kyoto (Japan), Sep. 2018
- DMV-Tagung, Sektion Zahlentheorie, Paderborn, Mar. 2018
- Oberseminar Arithmetische Geometrie, Universität Bayreuth, Feb. 2017
- Seminar der Forschergruppe Symmetrie, Geometrie und Arithmetik, Universität Heidelberg, Jan. 2017
- Séminaire Théorie des Nombres, Institut de Mathématiques de Bordeaux, Nov. 2016
- Séminaire Groupes Réductifs et Formes Automorphes de l'IMJ-PRG, Université Paris VI and VII, Oct. 2016
- Workshop on Grothendieck-Teichmüller Theories, Chern Institute of Mathematics, Nankai University, Tianjin (China), Jul. 2016
- SFB/TRR 45 Kolloquium, Universität Mainz, Apr. 2016
- Reductions of Shimura Varieties, Workshop, Oberwolfach, Aug. 2015
- Arbeitsgruppe Algebra und Zahlentheorie, Universität Wuppertal, Jun. 2015
- Arbeitsgemeinschaft Arithmetische Algebraische Geometrie, Universität Bonn, May 2015
- Conference “Zeta Functions 5”, Moscow (Russia), Dec. 2014
- Oberseminar Algebra und Geometrie, Universität Frankfurt, Nov. 2014
- Galois Seminar, University of Pennsylvania, Mar. 2014
- Geometry and Algebra Seminar, Universiteit Utrecht, Jan. 2014
- HIM-Trimester: Arithmetic and Geometry, Universität Bonn, Mar. 2013,
- DFG Graduiertenkolleg Curvature, Cycles, and Cohomology, Universität Regensburg, Jun. 2013
- Arbeitsgemeinschaft Arithmetische Geometrie, Universität Paderborn, Nov. 2009

## Organizational activities

- Winter term 2016/2017: Organization of a seminar on Deligne–Lusztig constructions (joint with J.-F. Dat), University Paris VI
- Organisation of several meeting of the “Kleine AG”, in particular:

Oct. 2015	“Fun with $\mathbb{F}_1$ ” (with N. Rungtanirom)
Jun. 2015	“Anabelian geometry: Neukirch–Uchida and Tamagawa” (with O. Thomas)
Mar. 2014	“mod $p$ local Langlands correspondence over $\mathbb{Q}_p$ ” (with R. Wilms)
Nov. 2013	“Dessins d’enfants” (with A. Mihatsch)
Jun. 2013	“Étale homotopy theory” (with K. Hübner)
Feb. 2012	“Honda–Tate theory” (with T. Keller)
Oct. 2011	“Around the Mumford–Tate Conjecture” (with P. Jossen)
Feb. 2011	“Deligne–Mumford Compactification” (with T. Keller)

### Further professional activities

- Reviewing for Mathematical Reviews/MathSciNet (since September 2013)
- Reviewing for peer-reviewed journals: Duke Mathematical Journal, Compositio Mathematica, Mathematische Annalen, Journal für die reine und angewandte Mathematik (Crelle), Advances in Mathematics, Selecta Mathematica, etc.

### Scholarships (before Ph. D.)

- Ph. D. scholarship of the University of Heidelberg, Nov. 2012 – Feb. 2013
- Ph. D. scholarship of the Landesgraduiertenförderung (LGFG), Nov. 2010 – Oct. 2012
- Ph. D. scholarship of the Mathematical Center Heidelberg (MaTCH),  
Nov. 2009 – Oct. 2010
- Scholarship of the Studienstiftung des deutschen Volkes, Oct. 2005 – Oct. 2009

### Language skills

Russian (native)	English (proficient)
German (native like)	French (intermediate)

### Personal

Born	October 2, 1986 in Leningrad, Soviet Union
Emigration:	From Russia to Germany, March 1999
Family status:	permanent relationship two children (*September 2018, *May 2021)

Bonn, August 26, 2021