

Curriculum Vitae

Petr Naryshkin

Personal information:

- Date of birth: 02.12.1997
- Place of birth: Izhevsk, Russia
- Languages: Russian, English

Research interests:

- Dynamics
- C^* -algebras

Education:

- WWU Münster (2021-present), PhD
- Texas A&M University (2019-2020), PhD Program
- St. Petersburg State University (2014-2019), Masters Degree

Publications:

- P. Naryshkin, Group extensions preserve almost finiteness, arXiv:2304.02456
- E. Gardella, S. Geffen, J. Kranz, P. Naryshkin, A. Vaccaro, Tracially amenable actions and purely infinite crossed products, arXiv:2211.16872
- E. Gardella, S. Geffen, P. Naryshkin, A. Vaccaro, Dynamical comparison and \mathcal{Z} -stability for crossed products of simple C^* -algebras, arXiv:2209.06507
- E. Gardella, S. Geffen, J. Kranz, P. Naryshkin, Classifiability of crossed products by nonamenable groups, *to appear in J. Reine Angew. Math.*
- P. Naryshkin, Polynomial growth, comparison, and the small boundary property, *Adv. Math.* **406** (2022)
- D. Kerr, P. Naryshkin, Elementary amenability and almost finiteness, arXiv:2107.05273

- L.M. Lerman, P.E. Naryshkin, A.I. Nazarov, Abundance of entire solutions to nonlinear elliptic equations by the variational method, *Nonlinear Anal.* **190** (2020)
- P.E. Naryshkin, A remark on the isomorphism between the Bernoulli scheme and the Plancherel measure, *Zap. Nauchn. Sem. S.-Peterburg. Otdel. Mat. Inst. Steklov. (POMI)* **468** (2018); translation in *J. Math. Sci. (N. Y.)* **240** (2019)

Invited talks:

- Group Actions: Dynamics, Measure, Topology, Münster, November 2022
- Operator Algebras seminar at KU Leuven, June 2022
- Joint UHaifa-Technion Noncommutative analysis seminar, April 2022
- Séminaire d'Algèbres d'Opérateurs at IMJ-PRG, March 2022
- Groups and Dynamics: Topology, Measure, and Borel Structure, Oberwolfach, January 2022

Contributed talks:

- Noncommutativity in the North, Gothenburg, March 2022
- Various events and seminars held at WWU Münster, Texas A&M University and Saint-Petersburg

Teaching experience:

- Running exercise sessions for various courses at the Saint-Petersburg Electrotechnical University (2017-2019)
- Running help sessions and recitations for various courses at Texas A&M University (2019-2020)
- Running tutorials for various courses at WWU Münster (2020-present)

Competitions:

- Russian National Mathematical Olympiad : Prizewinner in 2011-2014

- International Mathematics Competition for university students : First Prize in 2015, 2016
- Saint-Petersburg Mathematical Society Competition for students : winner (with D. Klyuev) in 2015

Awards:

- Advanced Scholarship (2015-2017)
- PAO Gazprom Neft Award for students (2014, 2015)
- WorldQuant Student Award (2015)
- Saint-Petersburg Government Award for students (2014, 2015, 2016)

Service:

- Organizer of the Young Mathematicians in C^* -algebras 2021.