

Alisa Kirichenko

CONTACT INFORMATION	Department of Statistics University of Oxford 24-29 St Giles, Oxford, OX1 3LB, UK	www.akirichenko.com
RESEARCH INTERESTS	Nonparametric Bayesian statistics, asymptotic statistics, inference on graphs, theoretical understanding of machine learning methods.	
APPOINTMENTS	Postdoctoral Researcher University of Oxford, United Kingdom. <ul style="list-style-type: none">• Topic: Bayesian inference for complex data.• PI: Prof. dr. Judith Rousseau. Postdoctoral Researcher Centrum Wiskunde en Informatica (CWI), Amsterdam, the Netherlands. <ul style="list-style-type: none">• Topic: Bayesian inference for misspecification problems.• PI: Prof. dr. Peter Grunwald.	2019 - present 2017 - 2019
EDUCATION	Ph.D. in Statistics University of Amsterdam, the Netherlands. <ul style="list-style-type: none">• Thesis: Asymptotic results in nonparametric Bayesian function estimation.• Advisor: Prof. dr. Harry van Zanten. M.Sc. in Mathematics (with distinction) Saint Petersburg State University, Russia. M.Sc. in Economics (with distinction) Saint Petersburg Polytechnic University, Russia.	2013 – 2017 2008 – 2013 2010 – 2013
RESEARCH EXPERIENCE	Visiting Researcher Department of Statistics, Columbia University, New York, USA. Research Assistant Research Institute of Mathematics and Mechanics, St. Petersburg, Russia.	Oct 2018 Jan – Jun 2012
ACCEPTED JOURNAL PUBLICATIONS	<p>[1] de Heide R., Kirichenko A., Grunwald P., Mehta N. (2020). SafeBayes for Generalized Linear Models, arXiv:1910.09227. <i>To appear in the proceedings of the 23d International Conference AISTATS 2020.</i></p> <p>[2] Kirichenko A. and van Zanten H. (2018). Minimax lower bounds for function estimation on graphs. <i>Electronic Journal of Statistics 12.1 (2018): 651-666.</i></p> <p>[3] Kirichenko A. and van Zanten H. (2017). Estimating a smooth function on a large graph by Bayesian Laplacian regularisation. <i>Electronic Journal of Statistics 11.1 (2017): 891-915.</i></p> <p>[4] Kirichenko A. and van Zanten H. (2015). Optimality of Poisson processes intensity learning with Gaussian processes. <i>Journal of Machine Learning Research 16 (2015):2909-2919.</i></p>	

	[5] Kirichenko A. A. and Nikitin Ya. Yu. (2014). Precise small deviations in L_2 of some Gaussian processes appearing in the regression context. <i>Central European Journal of Mathematics</i> 12(11), 1674-1686.
PREPRINTS	[6] Grunwald P. and Kirichenko A. (2020). Minimax bounds with optional stopping.
TEACHING	<p>Teaching Assistant 2012 – 2017</p> <ul style="list-style-type: none"> • Probability Theory for Economics (Saint Petersburg State University). • Functional Analysis (University of Amsterdam). • Measure Theoretic Probability (University of Amsterdam). <p>Private tutor 2008 – 2013</p> <ul style="list-style-type: none"> • High-school and university level calculus, linear algebra, statistics, probability theory.
INVITED TALKS	<ul style="list-style-type: none"> • EYSM (European Young Statisticians Meeting), Belgrade, Serbia, 2019. • EcoSta (International Conference on Econometrics and Statistics), Hong Kong, 2018. • Workshop on community dynamics on Twitter during the election period: random graph analysis, Grenoble, France, 2018. • Delft seminar in Probability and Statistics, Delft, the Netherlands, 2017. • Workshop on Bayesian Methods for Networks, Cambridge, UK, 2016. • Google, London, UK, 2016.
SELECTED CONTRIBUTED TALKS AND POSTERS	<ul style="list-style-type: none"> • IMS Annual Meeting on Probability and Statistics, Lithuania, 2018. • EMS (European Meeting of Statisticians): <ul style="list-style-type: none"> – The Netherlands, 2015; Finland, 2017; Italy 2019. • BNP (Conference on Bayesian Nonparametrics): <ul style="list-style-type: none"> – USA, 2015; France, 2017. • ISBA (International Society for Bayesian Analysis) World Meeting: <ul style="list-style-type: none"> – Italy, 2016. • StatMathAppli (Statistique Mathématique et Applications), France, 2015. • Bayes Club seminar, the Netherlands, 2015. • Annual meeting of the Dutch probability and statistics community, the Netherlands, 2014. • Saint-Flour probability summer school, France, 2013.
AWARDS	<p>Google @ISBA junior travel support grant for ISBA World Meeting, 2016.</p> <p>National academic scholarship, 2008–2013.</p>
REFeree SERVICE	Electronic Journal of Statistics, Bernoulli Journal, Journal of Statistical Planning and Inference, COLT, AISTATS.
ORGANIZATION SERVICE	BNP reading group, University of Oxford, 2020.
COMPUTER SKILLS	R, Python, Latex, Mathematica.
LANGUAGES	English (fluent), Russian (native speaker).