

Alisa Kirichenko

CONTACT INFORMATION	Centrum Wiskunde en Informatica P.O. Box 94079, 1090 GB Amsterdam, Netherlands	alice.kirichenko@gmail.com +31616407876 www.akirichenko.com
RESEARCH INTERESTS	Nonparametric Bayesian statistics, asymptotic statistics, inference on graphs, theoretical aspects of machine learning.	
APPOINTMENTS	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	2017 - present
EDUCATION	Ph.D. in Statistics <ul style="list-style-type: none">• University of Amsterdam, Netherlands• Thesis: Asymptotic results in nonparametric Bayesian function estimation• Advisor: Prof. dr. Harry van Zanten M.Sc. in Mathematics (with distinction) <ul style="list-style-type: none">• Saint Petersburg State University, Russia M.Sc. in Economics (with distinction) <ul style="list-style-type: none">• 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	[1] Kirichenko A. and van Zanten H. (2018). Minimax lower bounds for function estimation on graphs. <i>Electronic Journal of Statistics</i> 12.1 (2018): 651-666. [2] Kirichenko A. and van Zanten H. (2017). Estimating a smooth function on a large graph by Bayesian Laplacian regularisation. <i>Electronic Journal of Statistics</i> 11.1 (2017): 891-915. [3] Kirichenko A. and van Zanten H. (2015). Optimality of Poisson processes intensity learning with Gaussian processes. <i>Journal of Machine Learning Research</i> 16 (2015):2909-2919. [4] 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.	
WORKING PAPERS	[5] Grunwald P. and Kirichenko A. (2018). Generalized Bayesian method for logistic regression. [6] Grunwald P. and Kirichenko A. (2018). Revisiting the minimax property.	

[7] Austern M., Kirichenko A., Orbanz P., and Zhou W. (2018). Estimation of eigenvector centrality in large graphs.

TEACHING

Teaching Assistant

2012 – 2017

- Probability Theory for Economics (Saint Petersburg State University).
- Functional Analysis (University of Amsterdam).
- Measure Theoretic Probability (University of Amsterdam).

Private tutor

2008 – 2013

- High-school and university level calculus, linear algebra, statistics, probability theory.

INVITED TALKS

- 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

- IMS Annual Meeting on Probability and Statistics, Lithuania, 2018.
- EMS (European Meeting of Statisticians):
 - The Netherlands, 2015; Finland, 2017.
- BNP (Conference on Bayesian Nonparametrics):
 - USA, 2015; France, 2017.
- ISBA (International Society for Bayesian Analysis World Meeting):
 - Italy, 2016.
- StatMathAppli, 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

Google @ISBA junior travel support grant for ISBA World Meeting, 2016.
National academic scholarship, 2008–2013.

REFeree
SERVICE

Annals of Statistics, Journal of Statistical Planning and Inference.

COMPUTER
SKILLS

R, Python, Latex, Mathematica.

LANGUAGES

English (fluent), Russian (native speaker), Dutch (intermediate).