

Dmitry Molchanov

Curriculum Vitæ

Education

- 2012–2016 **Bachelor**, *Lomonosov Moscow State University*, Moscow.
Computational Mathematics and Cybernetics, Mathematical Methods of Forecasting department
- 2016– **Master**, *Skoltech*, Moscow.
IT cluster, Data Science track

Work

- 03/17–12/17 Intern researcher at Yandex Research.
- 03/17– Intern researcher at the International Laboratory of Deep Learning and Bayesian Methods, NRU HSE.

Research

- 2014– A member of Bayesian Methods Research Group (<http://bayesgroup.ru/>) since 2014, where I work under supervision of Dmitry Vetrov.

Papers

- 2017 Neklyudov K., Molchanov D., Ashukha A., and Vetrov D. "Structured Bayesian Pruning via Log-Normal Multiplicative Noise." *Advances in Neural Information Processing Systems 30 (NIPS 2017)*
- 2017 Molchanov D., Ashukha A., and Vetrov D. "Variational Dropout Sparsifies Deep Neural Networks." *Proceedings of the 34th International Conference on Machine Learning (ICML 2017)*
- 2016 Molchanov D., Ashukha A., and Vetrov D. "Dropout-based Automatic Relevance Determination." *Bayesian Deep Learning Workshop, NIPS 2016*
- 2015 Molchanov D., Kondrashkin D., and Vetrov D. "Relevance tagging machine." *JMLDA 1 (2015): 13*

Bachelor thesis

- title *Scalable Automatic Relevance Determination*
- supervisor Dmitry Vetrov
- description During my BSc thesis research I studied approximate Bayesian inference techniques and developed several training procedures for ARD-like sparse models that are suitable for large amounts of training data.