

Program of the Summer School on Deep Learning and Bayesian Methods 2019

August 20, Tue	August 21, Wed	August 22, Thu	August 23, Fri	August 24, Sat	August 25, Sun
10:00 - 10:15 Welcome notes	10:00 - 11:30 Stochastic variational inference and variational autoencoders Dmitry Vetrov	10:00 - 11:30 Generative adversarial networks Egor Zakharov	10:00 - 11:30 Gaussian processes and Bayesian optimization Evgeny Burnaev	10:00 - 11:30 Markov Chain Monte Carlo Dmitry Kropotov	10:00 - 11:30 Bayesian neural networks Dmitry Molchanov
11:15 - 11:45 Coffee break	11:30 - 12:00 Coffee break	11:30 - 12:00 Coffee break	11:30 - 12:00 Coffee break	11:30 - 12:00 Coffee break	11:30 - 12:00 Coffee break
11:45 - 12:30 Bayesian reasoning Ekaterina Lobacheva	12:00 - 13:00 Variational autoencoders Kirill Struminsky	12:00 - 13:30 Generative adversarial networks Egor Zakharov	12:00 - 13:30 Gaussian processes and Bayesian optimization Yermek Kapushev	12:00 - 13:30 Markov Chain Monte Carlo Viktor Yanush	12:00 - 13:45 Sparsification of deep neural networks Arsenii Ashukha Dmitry Molchanov
12:30 - 12:45 Break	13:00 - 13:15 Break				
12:45 - 13:45 Variational inference Dmitry Vetrov	13:15 - 14:15 Discrete variable models Artem Sobolev	13:30 - 14:30 Lunch	13:30 - 14:30 Lunch	13:30 - 14:30 Lunch	13:45 - 14:45 Lunch
13:45 - 14:45 Lunch	14:15 - 15:15 Lunch	14:30 - 15:30 Normalizing flows Arsenii Ashukha	14:30 - 16:00 Deep Gaussian processes Maurizio Filippone	14:30 - 16:00 Langevin dynamics for sampling and global optimization Kirill Neklyudov	14:45 - 16:15 Uncertainty estimation in supervised learning Andrey Malinin
14:45 - 15:45 Latent variable models and EM-algorithm Dmitry Vetrov	15:15 - 16:15 Discrete variable models Kirill Struminsky	15:30 - 15:45 Break	16:00 - 16:15 Break	16:00 - 16:30 Sponsor talk	16:15 - 16:30 Break
15:45 - 16:00 Break	16:15 - 16:30 Break	15:45 - 17:15 Normalizing flows Arsenii Ashukha Kirill Struminsky	16:15 - 17:15 Adaptive skip-gram model Sergey Bartunov	16:30 - 17:00 Coffee break	16:30 - 17:30 Loss surfaces Dmitry Molchanov
16:00 - 17:15 Approximate Bayesian inference Ekaterina Lobacheva	16:30 - 18:00 Fair machine learning Novi Quadrianto		17:15 - 17:45 Coffee break	17:00 - 18:30 Variational inference with implicit and semi-implicit models Francisco Ruiz	18:00 - 23:00 Closing reception
17:15 - 19:15 Poster session	18:00 - 22:00 Social event	17:15 - 19:15 Poster session	17:45 - 19:15 Adaptive skip-gram model Sergey Bartunov		

Lecture Keynote Lecture Practical Session