Summer School on Deep Learning and Bayesian Methods 2019: preliminary program

August 20, Tue
- 10:00 - 10:20 Welcome notes
- 10:20 - 11:20 Introduction to Bayesian methods — Dmitry Vetrov
- 11:20 - 11:50 Coffee break
- 11:50 - 12:50 Latent variable models — Dmitry Vetrov
- 12:50 - 13:05 Break
- 13:05 - 14:35 Latent variable models — Kirill Struminsky
- 14:35 - 15:35 Lunch
- 15:35 - 16:35 Adaptive skip-gram model — Sergey Bartunov
- 16:35 - 17:05 Coffee break
- 17:05 - 18:35 Adaptive skip-gram model — Sergey Bartunov

August 21, Wed
- 10:00 - 11:30 Stochastic optimization — Dmitry Kropotov
- 11:30 - 12:00 Coffee break
- 12:00 - 13:30 Variational inference and variational autoencoders — Dmitry Vetrov
- 13:30 - 14:30 Lunch
- 14:30 - 15:30 Variational autoencoders — Kirill Struminsky
- 15:30 - 15:45 Break
- 15:45 - 16:45 Discrete variable models — Artem Sobolev
- 16:45 - 17:00 Break
- 17:00 - 18:00 Discrete variable models — Kirill Struminsky
- 18:00 - 22:00 Social event

August 22, Thu
- 10:00 - 11:30 Adversarial learning — Dmitry Ulyanov
- 11:30 - 12:00 Coffee break
- 12:00 - 13:30 Generative adversarial networks — Dmitry Ulyanov
- 13:30 - 14:30 Lunch
- 14:30 - 15:30 Normalizing flows — Arsenii Ashukha
- 15:30 - 15:45 Break
- 15:45 - 17:15 Normalizing flows — Arsenii Ashukha, Kirill Struminsky
- 17:15 - 19:15 Poster session

August 23, Fri
- 10:00 - 11:30 Gaussian processes — Evgeny Burnaev
- 11:30 - 12:00 Coffee break
- 12:00 - 13:30 Bayesian optimization — Yermek Kapushev
- 13:30 - 14:30 Lunch
- 14:30 - 16:00 Deep Gaussian Processes — Maurizio Filippone
- 16:00 - 16:15 Break
- 16:15 - 17:45 Fair machine learning — Novi Quadrianto
- 17:45 - 19:45 Poster session

August 24, Sat
- 10:00 - 11:30 Markov Chain Monte Carlo — Dmitry Kropotov
- 11:30 - 12:00 Coffee break
- 12:00 - 13:30 Markov Chain Monte Carlo — Viktor Yanush
- 13:30 - 14:30 Lunch
- 14:30 - 16:00 Stochastic Markov Chain Monte Carlo — Kirill Neklyudov
- 16:00 - 16:30 Sponsor talk
- 16:30 - 17:00 Coffee break
- 17:00 - 18:30 Uncertainty Estimation in Supervised Learning — Andrey Malinin

August 25, Sun
- 10:00 - 11:30 Bayesian neural networks — Dmitry Molchanov
- 11:30 - 12:00 Coffee break
- 12:00 - 13:30 Automatic relevance determination — Arsenii Ashukha, Dmitry Molchanov
- 13:30 - 14:30 Lunch
- 14:30 - 16:00 Variational inference with implicit and semi-implicit models — Francisco Ruiz
- 16:00 - 16:15 Break
- 16:15 - 17:45 Loss surfaces
- 18:00 - 23:00 Closing reception

Legend: Lecture | Keynote Lecture | Practical Session