Conference

SAMPLE (Statistics, Artificial intelligence, Machine learning, Probability and Learning theory Event)

Venue: Primorye Grand Resort Hotel
(Gelendzhik, Mira str., 21)

October 26, 2021

Time	Speaker	Title
Arrival		
18:00 – 20:00	Dinner (Restaurant Lermontov)	

October 27, 2021

Time	Speaker	Title
7:00 – 9:00	Breakfast (Restaurant Lermontov)	
9:00 – 9:30	Registration (Conference Hall)	
09:30 - 10:15	Evgeny Burnaev (Skoltech)	Generative Modeling based on Deep Neural Networks
10:15 - 11:00	Vladimir Spokoiny (HSE University, Skoltech, WIAS)	Adaptive graph clustering
11:00 - 11:30	Coffee break	
11:30 - 12:00	Alexey Zaytsev (Skoltech)	Multiple faces of effectiveness of self-supervised models
12:00 - 12:30	Viacheslav Borovitskiy (St.Petersburg State University)	Gaussian process priors for functions with non-Euclidean domains
12:30 - 13:00	Sergey Samsonov (HSE University)	Model-Free Approach to Evaluate Reinforcement Learning Algorithms
13:00 - 14:30	Lunch (Restaurant Lermontov)	
14:30 - 15:00	Evgeny Lagutin (HSE University, Skoltech)	Ex^2 MCMC: Sampling through Exploration Exploitation

Time	Speaker	Title
15:00 - 15:30	Artyom Gadetsky (HSE University)	Low-variance Gradient Estimators for Structured Discrete Random Variables
15:30 - 16:00	Nikita Puchkin (HSE University)	Exponential savings in agnostic active learning through abstention
16:00 - 16:30	Coffee break	
16:30 - 17:00	Biswarup Das (Huawei)	Flow-rate prediction in networks using AI
17:00 - 17:30	Boris Pichugin (Huawei)	Deep learning for the Huawei Petal Search engine ranking: a review of experiments
17:30 - 19:00	Leisure time	
19:00 – 21:00	Dinner (Restaurant Lermontov)	

October 28, 2021

Time	Speaker	Title
7:00 – 9:00	Breakfast (Restaurant Lermontov)	
9:00 – 9:30	Leisure time	
09:30 - 10:15	Ivan Oseledets (Skoltech)	Geometry and Machine Learning
10:15 - 11:00	Denis Belomestny (UDE, HSE University)	Randomization can improve convergence rates in stochastic approximation problems
11:00 - 11:30	Coffee break	
11:30 - 12:00	Maxim Rakhuba (HSE University)	Low-rank decompositions for tensorized data: theory and applications
12:00 - 12:30	Maksim Velikanov (Skoltech)	Explicit loss asymptotics in the gradient descent training of neural networks
12:30 - 13:00	Maxim Kuznetsov (Insilico Medicine, HSE University)	Deep Generative Models for Medicinal Chemistry
13:00 - 14:30	Lunch (Restaurant Lermontov)	

Time	Speaker	Title
14:30 - 15:00	Ekaterina Ivanova (Skoltech)	Atrial fibrillation drivers detection with machine learning
15:00 - 15:30	Nurislam Tursynbek (Skoltech)	Geometry-Inspired Top-k Adversarial Perturbations
15:30 - 16:00	Coffee break	
16:00 – 18:00	Roundtable «Science and Careers»	
18:00 - 19:00	Leisure time	
19:00 – 21:00	Dinner (Restaurant Lermontov)	

October 29, 2021

Time	Speaker	Title
7:00 – 9:00	Breakfast (Restaurant Lermontov)	
9:00 – 9:30	Leisure time	
09:30 - 10:15	Aleksandr Petiushko (MSU, AIRI)	Certified robustness, high dimensions and computer vision
10:15 - 10:45	Fedor Noskov (Skoltech, HSE University)	On Improved Estimation in Mixed Membership Stochastic Block Model
10:45 - 11:15	Coffee break	
11:15 - 11:45	Daniil Tiapkin (HSE University, Skoltech)	Improved complexity bounds for the Wasserstein barycenter
11:45 - 12:00	Award ceremony	
12:00 - 13:00	Lunch (Restaurant Lermontov)	
13:00 - 20:00	Excursion	
20:00 – 21:00	Dinner (Restaurant Lermontov)	

October 30, 2021

7:00 – 9:00	Breakfast (Restaurant Lermontov)
	Departure