St.Petersburg Youth Conference on Probability and Mathematical Physics (2020)

Monday, 21 December

12.00 – 12.50 Alexander Bufetov (Aix-Marseille Universite and MI RAS and IITP RAS)
Point processes and Hilbert spaces of holomorphic functions (Lecture 1)
13.00 – 13.25 Pavel Ievlev (St. Petersburg Department of V.A. Steklov Mathematical Institute, Euler Mathematical Institute)
Symmetric Levy processes with reflection
13.30 – 13.55 David Garcia-Zelada (Aix-Marseille University)
On the convergence of the spectral radius of a random matrix with i.i.d. coefficients
15.00 – 15.25 Mikhail Zhitlukhin (Steklov Mathematical Institute of RAS)
Global stability in a stochastic market model
15.30 – 15.55 Ekaterina Simarova (St. Petersburg State University, Euler Mathematical Institute)
Generalized limit theorems for U-max statistics with kernels defined on a circle
16.00 – 16.25 Vasilii Sergeev (St. Petersburg State University)
On asymptotics of adiabatic normal waves in a narrow coastal sea wedge

Tuesday, 22 December

12.00 – 12.50 Alexander Bufetov (Aix-Marseille Universite and MI RAS and IITP RAS)
Point processes and Hilbert spaces of holomorphic functions (Lecture 2)
13.00 – 13.25 Elena Magnanini (University of Padova)
Limit theorems for Levy flights on a 1D Levy random medium
13.30 – 13.55 Georgii Veprev (St. Petersburg State University, Euler Mathematical Institute)
Scaling entropy and its applications
15.00 – 15.25 Nikolaos Chalmoukis (University of Bologna)
Random Interpolating Sequences in Dirichlet Type Spaces
15.30 – 15.55 Pierre Lazag (Aix-Marseille Universite)
A law of large number for local patterns in random plane partitions
16.00 – 16.25 Tatiana Moseeva (St. Petersburg State University, Euler Mathematical Institute)
Random sections of convex bodies and distribution of the volume of weighted Gaussian simplex

Wednesday, 23 December

12.00 – 12.50 Elena Yarovaya (Moscow State University)
TBA
13.00 – 13.25 Konstantin Kostyashin (Moscow State University)
Conditions on one-to-one recovery of a probabilistic distribution in terms of moments and cumulants
13.30 – 13.55 Alena Miloslova (St. Petersburg State University)
Homogenization of the higher-order parabolic Cauchy problem with periodic coefficients
15.00 – 15.25 Andrey Dymov (Steklov Mathematical Institute of RAS)
Freezing effect in a network of oscillators coupled to thermostats of finite energy
15.30 – 15.55 Irina Lukashova (St. Petersburg State University)
On self-similar solutions to some difference equations
16.00 – 16.25 Ivan Alexeev (St. Petersburg State University)
Discrete quasi-infinitely divisible distributions