

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 Ekaterina Shchetka (St. Petersburg State University, PDMI)
Quasiclassics for difference Dirac operator
- 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
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
- 16.30 – 16.55 Alena Miloslova (St. Petersburg State University)
TBA

Wednesday, 23 December

- 12.00 – 12.50 Elena Yarovaya
TBA
- 13.00 – 13.25 Konstantin Kostyashin
Conditions on one-to-one recovery of a probabilistic distribution in terms of moments and cumulants
- 13.30 – 13.55 Pavel Ievlev (EIMI, PDMI)
Symmetric Levy processes with reflection
- 15.00 – 15.25 Andrey Dymov
TBA
- 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