

# **School "Analysis, Probability, Mathematical Physics"**

**Monday 30 November 2020 - Friday 04 December 2020**

**Online**

## **Scientific Programme**

**November 30**

17.00 - 17.45 Tatiana Nagnibeda, Probability on graphs and groups

17.55 - 18.40 Eugenia Malinnikova, Many forms of the Uncertainty Principle

18.50 - 19.35 Ilya Kackovskiy, Localization for quasiperiodic operators with monotone potentials

**December 1**

17.00 - 17.45 Tatiana Nagnibeda, Probability on graphs and groups

17.55 - 18.40 Eugenia Malinnikova, Many forms of the Uncertainty Principle

18.50 - 19.35 Ilya Kackovskiy, Localization for quasiperiodic operators with monotone potentials

**December 2**

17.00 - 17.45 Tatiana Nagnibeda, Probability on graphs and groups

17.55 - 18.40 Eugenia Malinnikova, Many forms of the Uncertainty Principle

18.50 - 19.35 Ilya Kackovskiy, Localization for quasiperiodic operators with monotone potentials

**December 3**

17:00-17:25 Stefano Decio, Zeroes of sums of eigenfunctions

17:30-17:55 Georgii Veprev, Non-existence of a universal zero entropy system for non-periodic amenable group actions

18:00-18:25 Stine Marie Berge, Three Surface Theorems

18:30-18:55 Anthony Gauvan, A Principle of Almost Orthogonality

19:00-19:20 Presentation of master and graduate mathematical educational programs of St.Petersburg University

19:25-19:50 Haakan Hedenmalm, Fourier uniqueness in even dimensions

**December 4** (comments and problems solution)

17.00 - 17.45 Tatiana Nagnibeda, Probability on graphs and groups

17.55 - 18.40 Eugenia Malinnikova, Many forms of the Uncertainty Principle

18.50 - 19.35 Ilya Kackovskiy, Localization for quasiperiodic operators with monotone potentials