

50th Anniversary

Department of Theory of Random Processes

**Institute of Mathematics National Academy of Sciences of
Ukraine**

Monday, June 2- Friday, June 6, 2014

**Venue: Institute of Mathematics National Academy of
Sciences of Ukraine**

3, Tereschenkivska st., Kiev, Ukraine

Program

Time	Monday, June 2, 2014
16:00-17:00	Opening ceremony Department of Theory of Random Processes at the present time Andrey Dorogovtsev Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine
17:20-19:20	Buffet
Time	Tuesday, June 3, 2014
14:00-15:00	Stochastic flows with singularities Andrey Pilipenko Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine
15:00-15:15	Coffee break
15:15-15:45	Geometric characteristics of planar Gaussian processes Olga Izyumtseva Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine
15:50-16:20	The existence of renormalized local times for Gaussian and diffusion processes Alexey Rudenko Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine

Time	Wednesday, June 4, 2014
14:00-14:30	Orthogonal polynomial expansions and transformations of Gaussian measures Georgii Ryabov Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine
14:30-15:00	Equations with interaction Maria Lagunova National Technical University of Ukraine “KPI”, Kiev, Ukraine
15:00-15:15	Coffee break
15:15-16:15	Presentation of the book “Selected Works of A.V. Skorokhod” prepared for publication in “Springer-Verlag.” Editors: A.A. Dorogovtsev, A.M. Kulik, A.Yu. Pilipenko, N.I. Portenko, A.N. Shiryaev Mykola Portenko Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine
16:35-18:35	Evening of fellowship and reminiscences
Time	Thursday, June 5, 2014
14:00-15:00	Stochastic flows and measure-valued processes Andrey Dorogovtsev Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine
15:00-15:15	Coffee break
15:15-16:15	Local properties and asymptotic behavior of laws of processes with Lévy noise Alexey Kulik Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine

Time	Friday, June 6, 2014
14:00-15:00	<p>On some estimations of fundamental solutions of parabolic equations</p> <p>Mykola Portenko</p> <p>Department of Theory of Random Processes Institute of mathematics NASU, Kiev, Ukraine</p> <p>Myhailo Osypchuk</p> <p>Vasyl Stefanyk Precarpathian National University, Ukraine</p>
15:00-15:15	Coffee break
15:15-15:45	<p>Coalescing diffusions with changing mass</p> <p>Vitalii Konarovskiy</p> <p>Yuri Fedkovich Chernivtsi National University, Ukraine</p>
15:50-16:50	The award ceremony of Skorokhod competition among the student's works