LSA Meeting in Voronovo - 2026

Dedicated to Prof. Valentin Konakov on the occasion of his 80th anniversary

Marked in yellow are talks to be given in person, marked in blue are the online talks.
All talks will be streamed on Zoom.

	Monday, 20.04	Tuesday, 21.04		Wednesday, 22.04		Thursday, 23.04		Friday, 24.04	
10:00	Departure from Pokrovsky Bulvar, 11	8:30 - 10:00	Breakfast	8:30 - 10:00	Breakfast	8:30 - 10:00	Breakfast	8:30 - 10:00	Breakfast
		10:00 - 10:40	**Enno Mammen** (Heidelberg University) Strong approximations for Robbins-Monro procedures	10:00 - 10:40	**Yana Belopolskaya** (Sirius University of Science and Technology and Haifa, Technion, Israel) Probabilistic models for viscous conservation and balance laws	10:00 - 10:40	**Elena Yarovaya** (MSU) A co-dimensional branching random walk on a multidimensional lattice	10:30	Departure from Voronovo
		10:40 - 11:20	**Arturo Kohatsu-Higa** (Ritsumeikan University) High order polynomial regression approximation schemes in total variation for multidimensional diffusions	10:40 - 11:20	**Stanislav Shaposhnikov** (MSU and HSE) Doubling variables and uniqueness of probability solutions to degenerate stationary Kolmogorov equations	10:40 - 11:20	**Alina Kumukova** (University of Edinburgh) Translating trial efficacy into real-world effectiveness for Cardiovascular disease in Type 2 Diabetes		
		11:20 - 11:40	Coffee break	11:20 - 11:40	Coffee break	11:20 - 11:40	Coffee break		
		11:40 - 12:20	**Enzo Orsingher** (Sapienza University) Random motions with orthogonal directions on the plane and in the three-dimensional space	11:40 - 12:20	**Vlad Bally** (Gustave Eiffel University) Conditional propagation of chaos and CLT	11:40 - 12:20	**Andrea Pascucci** (University of Bologna) Trading in residential energy systems with storage: a kinetic mean-field approach		
13:30 - 14:30	Lunch	12:20 - 13:00	**Elina Shishkina** (Voronezh State University and HSE) On a generalisation of Wiener chaos	12:20 - 13:00	**Jean-Francois Jabir** (HSE) Moderately interacting particle approximations for singular kinetic McKean-Vlasov SDEs	12:20 - 13:00	**Yuri Averboukh** (Ural Federal University and HSE) The Dirichlet problem for the Hamilton-Jacobi equation in the space of probability measures.		
14:30 - 14:40	Opening ceremony **Valentin Konakov**								
14:40 - 15:20	**Xicheng Zhang** (Beijing Institute of Technology) Uniform-in-time diffusion approximations for multiscale stochastic systems	13:00 - 13:40	**Elena Bashtova** (Independent University of Moscow) Strong approximation of random flights	13:00 - 13:40	**Ion Grama** (Université de Bretagne Sud) A heat kernel approximation for conditioned random walks	13:00 - 13:40	**Stephane Menozzi** (Université d'Évry Val d'Essonne) On heat kernel estimates for Brownian SDEs with distributional drift		
15:20 - 15:40	Coffee break	13:40 - 15:00	Lunch	13:40 - 15:00	Lunch	13:40 - 15:00	Lunch		
15:40 - 16:20	**Stanislav Molchanov** (UNC Charlotte) Cramer's model of the random quasi-primes and its generalization	15:00 - 15:40	**Yury Kutoyants** (Le Mans Université) Security price process identification	15:00 - 15:40	**Dmitry Shatilovich** (MSU) Lyapunov functions for nonlinear stationary Kolmogorov equations with partially degenerate diffusion matrix	15:00 - 15:40	**Jordan Stoyanov** (Bulgarian Academy of Sciences) New recent results for moment-determinacy of probability distributions		
16:20 - 17:00	**Mikhail Lifshits** (St. Petersburg State University) On the maximum relevance of random documents	15:40 - 16:20	**Anna Markova** (Avito) ML techniques in industrial applications: a case study based on Avito data	15:40 - 16:20	**Fedor Gnetov** (HSE) Random walks on rank one symmetric spaces of noncompact type	15:40 - 16:20	**Dmitry Kostin** (Voronezh State University) Maxwell-Feuer impulse and engineering problems		
17:00 - 17:20	Coffee break	16:20 - 16:40	Coffee break	16:20 - 16:40	Coffee break	16:20 - 16:40	Coffee break		
17:20 - 18:00	**Leonid Koralov** (University of Maryland) Distribution of particles near the propagation front in branching Brownian Motion with a compactly supported branching potential.	16:40 - 17:20	**Vasilii Kolokoltsov** (MSU and HSE) Singular SDEs on Hilbert and Banach spaces, arising from quantum filtering, and related infinite-dimensional operator-valued McKean-Vlasov equations.	16:40 - 17:20	**Andrei Piatnitski** (MIPT) Homogenization of non-autonomous convolution type parabolic operators. Higher order approximation.	16:40 - 17:20	**Alexander Veretennikov** (MSU and HSE) On the Dobrushin CLT		
18:00 - 18:40	**Natalia Smorodina** (St. Petersburg State University) The Feynman-Kac formula for the Laplace operator with a potential of zero radius in R^3	17:20 - 18:00	**Mark Kelbert** (HSE) Basics of context-dependent estimation and hypothesis testing	17:20 -18:00	**Elena Zhizhina** (MIPT) Spectrum of non-local operators appearing in population models	17:20 -18:00	**Sergio Polidoro** (Università di Modena e Reggio Emilia) The parametrix method and applications to mean value formulas for classical solutions to subelliptic partial differential equations		
				18:00 -18:10	Greetings by **Denis Talay**				
18:40	Dinner	18:00	Dinner	18:10	**Gala-dinner**	18:00	Dinner		