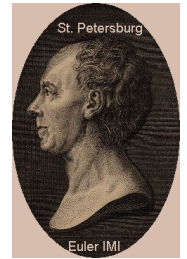


- › **Website:** indico.eimi.ru/event/95
- › **Venue:** The Euler International Mathematical Institute
Pesochnaya nab. 10, St Petersburg, Russia
- › **ZOOM:** 98539555582
- › **Lunch:** Restaurant Lindfors, Kamennostrovsky prospekt, 54
- › **Conf. Dinner:** Teplye kraya, Prospekt Medikov, 5 restk.ru



December 21, Tuesday

10:30–10:55	REGISTRATION		
10:55–11:00	OPENING		Euler Institute
11:00–11:50	Aleksandr Poretskii › Mathematical scattering theory in electromagnetic waveguides		
11:50–12:10	COFFEE BREAK		
12:10–13:00	Andrey Dymov › On the Zakharov-L'vov stochastic model for wave turbulence		
13:00–15:00	LUNCH		
15:00–15:25	Vladimir Kutsenko › Modelling of the Solution of an Evolutionary Equation with a Random Potential for Mean Numbers of Particles		
15:25–15:50	Ivan Korshunov › Limit theorem for spread of disease in finite population		
15:50–16:15	Grigorii Popov › Functional Limit Theorems on the Sojourn Time of Stochastic Heavy-Tailed Random Walks at a Multidimensional Lattice Point		
16:15–16:35	COFFEE BREAK		
16:35–17:00	Grigory Dvorkin › Geometric interpretation of entropy		
17:00–17:25	Aleksandra Urtaeva › On the disconjugacy of fourth-order differential equations on graphs		

11:00–11:50	Alexander Bufetov » Entire functions associated to determinantal point processes. Lecture 1	online
11:50–12:10	COFFEE BREAK	
12:10–12:35	Yanqi Qiu » Patterson-Sullivan construction for point processes and reconstruction of harmonic functions	online
12:35–13:00	Yulia Makarova » Branching Random Walks in Homogeneous Environment	online
13:00–15:00	LUNCH	
15:00–15:25	Kirill Ryadovkin » On periodic branching random walks on \mathbb{Z}^d with heavy tails	Euler Institute
15:25–15:50	Josip Žubrinić » Operator-norm asymptotics for thin elastic rods with rapidly oscillating periodic properties	
15:50–16:15	Gavriil Bakai » Large Deviations For Random Walk In Random Environment	
16:15–16:35	COFFEE BREAK	
16:35–17:00	Svetlana Itarova » Towards to nonlinear orthomorphisms	
17:00–17:25	Mariia Dospelova » Discrete intrinsic volumes and Grassmann valuations	
17:25–17:50	Eleonora Grischenko » Automorphisms of an algebra of band preserving orthogonally additive operators	

11:00–11:25	Konstantin Bogdanov » Transcendental dynamics and iterations in infinite-dimensional Teichmüller spaces	Euler Institute
11:25–11:50	Ivan Alexeev » Stable random variables with the complex stability index	
11:50–12:10	COFFEE BREAK	
12:10–12:35	Kirill Sedov » On monodromy matrices for a difference Schrödinger equation on the real line with a small periodic potential	
12:35–13:00	Dmitrii Khliustov » f-divergency: theory and applications	
12:50–15:00	LUNCH	
15:00–15:25	Alexandra Mokrousova » Asymptotic relative efficiency of tests for checking correspondence of the regression model	
15:25–15:50	Anastasiya Shelepova » On the asymptotics in a boundary problem for compound renewal processes	
15:50–16:15	Victor Kharlamov » Generalization model Of stochastic Colonel Blotto games	
16:15–16:35	COFFEE BREAK	
16:35–17:00	Konstantin Denisov » Lower Deviations of Branching Process in Random Environment with Geometric Number of Descendants: Local Asymptotics	
17:00–17:25	Artem Nikolaev » An analogue of the local time of the complex Brownian motion process	
18:00	CONFERENCE DINNER	Tepliy kraya

11:00–11:50	Alexander Bufetov » Entire functions associated to determinantal point processes. Lecture 2	online
11:50–12:10	COFFEE BREAK	
12:10–12:35	Javier Echevarria Cuesta » An algorithm to compute the spectrum of the Laplace-Beltrami operator on hyperbolic surfaces	online
13:00–15:00	LUNCH	
15:00–15:25	Natalya Absalyamova » Local Large Deviations of Random Walk in One-Cookie Environment	Euler Institute
15:25–15:50	Pavel Ievlev » Parisian ruin of a process with power-asymmetric variance near the optimal point, exact asymptotics	
15:50–16:15	Ekaterina Zlobina » Diffraction of short waves from a contour with discontinuous curvature	
16:15–16:35	COFFEE BREAK	
16:35–17:00	Juan Marshall » On the top Lyapunov exponent of the spectral cocycle for the Thue-Morse substitution	online
17:00–17:25	Roger Van Peski » Hall-Littlewood polynomials, branching graphs and p-adic random matrices	online