



Universität Potsdam, Neues Palais, Haus 9 Raum 1.14

Monday, April 1 2019	Tuesday, April 2 2019	Wednesday, April 3 2019
09.15 – 09.30 <i>Opening</i>	09.15 – 10.10 Sylvie Roelly (Potsdam) <i>Gibbsian theory as framework for the study of</i>	09.15 – 09.55 Iryna Bodnarchuk (Kyiv) Wave equation driven by general stochastic measure
09.30 – 10.25 Alexandra Antoniouk (Kyiv) <i>Multidim. pseudo-dif. equation with spatial p-adic variables and corresponding stochastic processes</i>	interacting diffusions 10.15 – 10.55 Alexander Zass (Potsdam) Entropy method for Gibbs point processes	10.00 – 10.55 Tania Kosenkova (Potsdam) Noise sensitivity of Lévy driven SDE's: estimates and applications
Coffee break (Raum 2.16)	Coffee break (Raum 2.16)	Coffee break (Raum 2.16)
10.50 –11.45 llya Pavlyukevich (Jena) On the "heterogeneous diffusion process" 11.5012.30 Krzysztof Bogdan (Wroclaw) Semilinear Dirichlet problem for the fractional Laplacian	11.20 – 12.15 Alexei Rebenko (Kyiv) Correlation of clusters: partially truncated correlation functions and their decay	
Lunch break	Lunch break	
14.00 – 14.55 Jean-François Jabir (Moscow) Langevin dynamics with boundary conditions	14.00 – 14.40 Pierre Houdebert (Potsdam) Uniqueness and decay of correlation for Gibbs point processes, using disagreement percolation	
15.00 – 15.55 Alexei Kulik (Wroclaw) <i>Approximation in law of Markov processes by non-linear regressions: analytic background and stochastic applications</i>	14.45 – 15.40 Andrey Pilipenko (Kyiv) Functional limit theorems for perturbed random walks	
Coffee break (Raum 2.16)	Coffee break (Raum 2.16)	
16.25 – 17.05 Semen Bodnarchuk (Kyiv) <i>Modified Euler scheme for weak approximation of SDEs driven by Wiener process</i>	16.05 – 16.35 Oleksandr Prykhodko (Kyiv) Limit behaviour of random walks with elastic screens	
17.10 – 17.50 Dmytro Ivanenko (Kyiv) Statistical research of models generated by discretely observed solution to SDE's	16.40 – 17.20 Olga Aryasova (Kyiv) On exponential convergence of a distance between solutions of an SDE with discontinuous drift	Unterstützt von / Supported by

18.00 – 21.00 *Concert* **Sophie Catherin** *Reception* (Haus 12 a, 1st floor)

