



Tagung des Deutsch-Französischen Doktorandenkollegs
Colloque du Collège Doctoral Franco-Allemand
Stochastic processes and statistical machine learning I

Universität Potsdam, Neues Palais, Haus 9 Raum 1.14



Wednesday, February 14 2018

Thursday, February 15 2018

Friday, February 16 2018

09.00 – 09.15	<i>Opening</i>		
09.15 – 10.00	Gilles Blanchard (Potsdam) Some applications of concentration inequalities to machine learning: from Banach space geometry to computational efficiency	Manon Costa (Toulouse) Renewal in Hawkes processes with self-excitation and inhibition	Sebastien Gerchinovitz (Toulouse) Contextual bandits, ad auctions, and a new chaining algorithm
10.05 – 10.50	Franziska Göbel (Potsdam) Graph Wavelets	Mathias Rafler (TU Berlin) Completing partially observed random point patterns	Andrea Locatelli (Magdeburg) Adaptive Strategies for Nonparametric Active Learning
10.50 – 11.20	<i>Coffee break (Raum 1.15)</i>	<i>Coffee break (Raum 1.15)</i>	<i>Coffee break (Raum 1.15)</i>
11.20 – 12.05	Maurilio Gutzeit (Magdeburg) Testing the Equality in Distribution of Two Random Graphs	Laure Pédèches and Fanny Delebecque (Toulouse) Various models around the Cucker-Smale model and their flocking results	Fabrice Gamboa (Toulouse) Approximate Optimal Designs for Multivariate Polynomial Regression
12.05 – 14.00	<i>Lunch break</i>	<i>Lunch break</i>	
14.00 – 14.45	Pierre Ménard (Toulouse) An introduction to Upper Confidence Bound algorithms for bandit problems with bounded rewards	Jean-François Jabir (Moscow) Conditional McKean Lagrangian models	
14.50 – 15.35	Pierre Neuvial (Toulouse) Post hoc inference via joint family-wise error rate control	Giovanni Conforti (École Polytechnique) Quantitative results and a second order equation for Schrödinger bridges	
15.35 – 16.00	<i>Coffee break (Raum 1.15)</i>	<i>Coffee break (Raum 1.15)</i>	
16.05 – 16.35	Alexander Zass (Potsdam) Collective motion of living organisms: the Vicsek model	William Oçafrain (Toulouse) Quasi-stationarity with moving boundaries	
16.40 – 17.25	Jean-Michel Loubès (Toulouse) An optimistic point of view on classification	Tetiana Kosenkova (Potsdam) Noise sensitivity of Lévy driven stochastic differential equations: estimates and applications	
18.00 – 21.00	<i>Concert and Reception (Haus 12 a, 1st floor) Music: Sophie Catherin and Hans Kretz</i>		



Université
franco-allemande
Deutsch-Französische
Hochschule