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

Institut de Mathematique de Toulouse, Amphiteatre Laurent Schwartz

Wednesday, March 13, 2019	Thursday, March 14, 2019	Friday, March 15, 2019
	9:30 – 10:15 **François Bachoc** (Toulouse) *Uniformly valid confidence intervals post-model-selection*	09:45 – 10:15 **Abhishake Rastogi** (Potsdam) *Convergence analysis of Tikhonov regularization for non-linear statistical inverse learning problems*
	10:20 – 10:50 **Jens Fischer** (Potsdam) *Randomized network segregation*	10:20 – 10:50 **Alexander Zass** (Potsdam) *Entropy method for Gibbs point processes*
	Coffee break	*Coffee break*
	11:10 – 11:40 **Joseph Lam** (Magdeburg) *A minimax rear-optimal algorithm for adaptive rejection sampling*	11:15 – 12:00 **Sébastien Gadat** (Toulouse) *Numerical cost of the posterior Bayesian mean with a Langevin diffusion*
	11:45 – 12:30 **Manon Costa** (Toulouse) *Emergence of homogamy in a two-loci stochastic population model*	
	Lunch break	
	14:00 – 14:45 **Gersende Fort** (Toulouse) *Stochastic approximation-based algorithms, when the Monte Carlo bias does not vanish*	
14:30 – 15:15 **Aldéric Joulin** (Toulouse) *Intertwinings and spectral analysis of diffusion operators*	14:50 – 15:20 **Oleksandr Zadorozhnyi** (Potsdam) *Online nonparametric regression with kernels*	
15:20 – 15:50 **Eva Lawrence** (Toulouse) *Post hoc inference via joint family-wise error rate control*	15:25 – 15:55 **Paula Gordaliza** (Toulouse) *A CLT for Lp transportation cost on R with application to fairness assessment in machine learning*	
Coffee break		
16:10 – 16:40 **Jérome Stenger** (Toulouse) *Optimal uncertainty quantification of a risk measurement on moment class*		
16:45 – 17:15 **Mickaël Albertus** (Toulouse) *Raking-ratio empirical process*		

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