Programme du Workhop
"Des martingales aux systèmes dynamiques"
8,9 et 10 octobre 2014

Mercredi 8 octobre

9:30−10:20	S. GOUEZEL *"Entropy of random walks on hyperbolic groups"*
10:20−10:50	*Coffee Break*
10:50−11:40	M. PEIGNE *"Counting in negative curvature and infinite measure"*
11:40−12:30	C. CUNY *"Limit theorems by mean of the forward-backward martingale decomposition"*
12:30−14:00	*Déjeuner*
14:00−14:50	B. SAUSSOL*"Poisson law for some nonuniformly hyperbolic dynamical systems with polynomial rate of mixing"*
14:50−15:40	S. SEURET *"Lacunary Fourier series and continued fractions"*
15:40−16:10	*Coffee Break*
16:10−17:00	Z. KOSLOFF *"Symmetric Birkhoff sums in infinite ergodic theory: Failure of the ergodic theorem and peculiar behaviour"*
17:10−18:00	M. HOCHMAN *"Equidistribution of random points"*

Jeudi 9 octobre

9:30−10:20	J. DEDECKER *"Central limit theorem for the Wasserstein distance between the empirical distribution and the invariant distribution of a stationary sequence"*
10:20−10:50	*Coffee Break*
10:50−11:40	J.R. CHAZOTTES *"Concentration inequalities for dynamical systems"*
11:40−12:30	C. DUPONT *"Applications of the Central Limit Theorem in holomorphic dynamics"*
12:30−14:00	*Déjeuner*
14:00−14:50	F. PENE *"Rates in the strong invariance principle for functionals of ergodic automorphisms of the torus"*
14:50−15:40	B. DELYON *"Exponential inequalities for dependent processes"*
15:40−16:10	*Coffee Break*
16:10−17:00	Q. LIU *"Cramér's large deviation expansion for martingales"*

Vendredi 10 octobre

9:30−10:20	D. VOLNY
10:20−10:50	*Coffee Break*
10:50−11:40	I. GRAMA *"Conditional limit theorems for products of random matrices"*
11:40−12:30	L. LIAO *"Minimality of rational maps with good reduction on the projective line of the field of p-adic numbers"*

12:30−14:00 : *Déjeuner*