

Conference ProbaGéo

11-13 June 2012

Schedule

All conferences will take place in room 0-6 of the Mathematics Department

Téléport 2, rue Marie et Pierre Curie
86962 FUTUROSCOPE CHASSENEUIL

From railways station :

cross the street, take Bus 1 or 1Exp, direction Lycée du Futuroscope, stop at "Gustave Eiffel"

Monday June 11th

9 :10 : All the participants who arrived on Sunday evening meet in front of Hôtel de l'Europe

9 :30 : Shuttle starts from bus stop rue des Ecosais

10 :00 - 10 :30 : Registration in room 0-6, Tea and Coffee in the Common Room

10 :30 - 11 :30 : K. David Elworthy, *A Rice type formula for fixed points of stochastic flows and the McKean-Singer formula*

11 :40 - 12 :40 Franco Flandoli, *The effect of a noise of transport type on certain PDEs*

Lunch at Hôtel Alteora

14 :00 - 15 :00 Christian Léonard, *Some transformations of Markov processes leading to curvature*

15 :10 - 16 :10 Xue-Mei Li, *Convergence of stochastic processes on manifolds*

Tea and Coffee in the Common Room

16 :40 - 17 :40 Ming Liao, *Markov processes invariant under Lie group actions*

18 :15 : Shuttle starts from bus stop "Gustave Eiffel"

20 :00 conference dinner, restaurant "Le Poitevin", 76 rue Carnot, Poitiers

Tuesday June 12th

8 :15 : Shuttle starts from bus stop rue des Ecosais

9 :00-10 :00 Giuseppe Savaré, *Spaces with Riemannian Ricci curvature bounded from below, heat flow and Dirichlet forms*

Tea and Coffee in the Common Room

10 :20 - 11 :20 Robert Bauer, *Stochastic processes inspired by the geometry of the cell*

11 :30 - 12 :30 Ana Bela Cruzeiro, *On stochastic variational principles*

Lunch at hôtel Alteora

14 :00 - 15 :00 Arnaud Guillin, *Uniform convergence in Wasserstein distance for Fokker-Planck equation and granular media equation*

15 :10 - 16 :10 Marcus Wunsch, *Stable models for the distribution of capital*

Tea and Coffee in the Common Room

16 :40 - 17 :40 Laurent Veysseire, *A spectral gap lower bound for generators of reversible diffusions with positive curvature*

18 :15 : Shuttle starts from bus stop "Gustave Eiffel"

Wednesday June 13th

8 :15 : Shuttle starts from bus stop rue des Ecosais

9 :00-10 :00 Denis Bell, *Divergence Theorems In Path Space*

Tea and Coffee

10 :20 - 11 :20 Nicolas Juillet, *Optimal transport in the Heisenberg group : Ricci curvature and diffusion*

11 :30 - 12 :30 Alexandra Antoniouk, *Properties of stochastic flows and contraction of manifolds*

Lunch at hôtel Alteora

14 :00 - 15 :00 Mihai Gradinaru, *Asymptotic behaviour of some time-inhomogeneous diffusions*