Stochastic and PDE methods in mathematical physics
University of Paris-Diderot
15 – 17 September 2014

Schedule

	09/15/14	09/16/14	09/17/14
09:30 – 10:20	*C. Liverani*	*M. Gubinelli*	*M. Gubinelli*
10:30 – 11:20	*C. Liverani*	*M. Gubinelli*	*M. Gubinelli*
11:20 – 11:40	Coffee break		
11:30 – 12:20	*E. Faou*	*T. Alazard*	*T. Bodineau*
12:30 – 14:00	Lunch		
14:00 – 14:50	*M. Gubinelli*	*C. Liverani*	*C. Liverani*
15:00 – 15:50	*M. Gubinelli*	*C. Liverani*	*C. Liverani*
15:50 – 16:10	Coffee break		
16:10 – 17:00	*A. Komech*	*N. Burq*	*L. Koralov*
17:10 – 18:00	*L. Thomann*	*T. Oh*	*V. Nersesyan*

Titles

M. Gubinelli: *Paracontrolled distributions and SPDEs*
C. Liverani: *Martingale approach after Varadhan and Dolgopyat*

T. Alazard : *Zakharov's program in water-waves theory*
T. Bodineau : *The Brownian motion as the limit of a deterministic system of hard-spheres*
N. Burq : *Weak solutions of dispersive equations and Gibbs measures*
E. Faou : *Landau damping in Sobolev spaces for the Vlasov-HMF model*
A. Komech : *On global attractors of Hamilton nonlinear PDEs*
L. Koralov : *Averaging, homogenization, and large deviation methods for the study of randomly perturbed dynamical systems and PDEs*
V. Nersesyan : *Large deviations and Gallavotti–Cohen principle for randomly forced PDE's*
T. Oh : *Invariant Gibbs measures for the defocusing NLS on the real line*
L. Thomann : *On the resonant Hermite–Schrödinger equation*