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List of Participants

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July 8-21, 2007

Lecturers

Jérôme BUZZI	École Polytechnique, Palaiseau, France
Frank den HOLLANDER	Leiden Univ., The Netherlands
Jonathan C. MATTINGLY	Duke Univ., Durham, USA

Participants

Jean-Baptiste BARDET	Univ. Rennes 1, F
Anne-Laure BASDEVANT	Univ. Pierre et Marie Curie, Paris, F
Mireia BESALU	Univ. Barcelona, Spain
Michel BONNEFONT	Univ. Paul Sabatier, Toulouse, F
Pavel BUBAK	Univ. Warwick, Coventry, UK
Alain CAMANES	Univ. Nantes, F
Francesco CARAVENNA	Univ. Padova, Italy
Pavel CHIGANSKY	Univ. du Maine, Le Mans, F
Alina CRUDU	Univ. Rennes 1, F
Sébastien DARSESES	Univ. Pierre et Marie Curie, Paris, F
Omar de la CRUZ	Univ. Chicago, USA
Latifa DEBBI	Univ. Setif, Algérie
François DELARUE	Univ. Denis Diderot, Paris, F
Maxime DELEBASSEE	Univ. Paul Sabatier, Toulouse, F
Hacène DJELLOUT	Univ. Blaise Pascal, Clermont-Ferrand, F

Leif DOERING	TU Berlin, Germany
Pierre FOUGERES	Univ. Paris 10, F
Antoine GERBAUD	Institut Fourier, Grenoble, F
Ricardo GOMEZ	Univ. Nacional Autónoma México
Dan GOREAC	Univ. Brest, F
Ludovic GOUDENEGE	Univ. Rennes 1, F
Erika HAUSENBLAS	Univ. Salzburg, Austria
Martin HUTZENTHALER	Goethe Univ., Frankfurt, Germany
Barbara JASIULIS	Univ. Wroclaw, Poland
Wouter KAGER	EURANDOM, Eindhoven, The Netherlands
Tamas KOI	Budapest Univ. Technology, Hungary
Maxime LAGOUGE	Univ. Denis Diderot, Paris, F
Matthieu LERASLE	INSA Toulouse, F
Shuyan LIU	Univ. Lille 1, F
Eva LOECHERBACH	Univ. Paris 12, F
Grégory MAILLARD	École Polytechnique Fédérale Lausanne, CH
Florent MALRIEU	Univ. Rennes 1, F
Charles MANSON	Univ. Warwick, Coventry, UK
Scott McKINLEY	Duke Univ., Durham, USA
Oana MOCIOALCA	Kent State Univ., USA
Peter NANDORI	Budapest Univ. Technology, Hungary
Francesca R. NARDI	Eindhoven, The Netherlands
Eulalia NUALART	Univ. Paris 13, F
Alberto OHASHI	Univ. Campinas, Brazil
Nicolas PETRELIS	EURANDOM, Eindhoven, The Netherlands
Jean PICARD	Univ. Blaise Pascal, Clermont-Ferrand, F
Mikael ROGER	Univ. Rennes 1, F
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Jean-Pierre ROZELOT	Observatoire Côte d'Azur, F
E. SAINT LOUBERT BIE	Univ. Blaise Pascal, Clermont-Ferrand, F
Christian SELINGER	Univ. Luxembourg
Laurent SERLET	Univ. Blaise Pascal, Clermont-Ferrand, F
Arvind SINGH	Univ. Pierre et Marie Curie, Paris, F
Julien SOHIER	Univ. Denis Diderot, Paris, F
Cristian SPITONI	Leiden Univ., The Netherlands
Mitja STADJE	ORFE, Princeton, USA

Ramon Van HANDEL	California Inst. Techn., Pasadena, USA
Andrea WATKINS	Duke Univ., Durham, USA
Hendrik WEBER	Univ. Bonn, Germany
Radoslaw WIECZOREK	Polish Academy Sciences, Katowice, Poland
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Main Lectures

Jérôme Buzzi	Hyperbolicity through entropies
Frank den Hollander	Random polymers
Jonathan Mattingly	Ergodicity of dissipative SPDEs

Short Lectures

Pavel Bubak	Asymptotic strong Feller property for degenerate diffusions
Alain Camanes	Directed polymers in random environment and uniform integrability
Francesco Caravenna	The quenched critical point of a diluted disordered polymer model
Sébastien Darses	Stochastic derivatives
Latifa Debbi	On deterministic and stochastic fractional partial differential equations
François Delarue	Stochastic analysis of a numerical scheme for transport
Maxime Delebassee	Uniqueness in graph percolation
Pierre Fougères	Markovian type semilinear problems associated with some (infinite dimensional) functional inequalities
Ricardo Gómez	Almost isomorphisms of Markov shifts
Erika Hausenblas	SPDEs driven by Poisson random measures
Wouter Kager	Patterns and ratio limit theorems for Markovian random fields

Shuyan Liu	Estimation of parameters of stable distributions on convex cones
Grégory Maillard	Intermittency on catalysts
Oana Mocioalca	Space regularity of stochastic heat equations driven by irregular Gaussian processes
Francesca Romana Nardi	Ideal gas approximation for a two-dimensional rarefied gas under Kawasaki dynamics
Eulalia Nualart	Hitting probabilities for systems of fractional stochastic heat equations on the circle
Alberto Ohashi	Finite dimensional invariant manifolds for SPDEs driven by fractional Brownian motion
Nicolas Pétrélis	Copolymer in an emulsion
Mikaël Roger	A central limit theorem for some (random) compositions of automorphisms of the torus
Marco Romito	Markov solutions for the stochastic Navier-Stokes equations in dimension three
Jean-Pierre Rozelot	A story of the sun oblateness: from Princeton, 1996 to Pic du Midi, 2006
Laurent Serlet	Can super-Brownian excursion become old, big or heavy?
Arvind Singh	The speed of a cookie random walk
Julien Sohier	The homogeneous polymer pinning model near criticality
Cristian Spitoni	Metastability for reversible probabilistic cellular automata with self-interaction
Ramon Van Handel	Robustness and approximations in nonlinear filtering
Radoslaw Wieczorek	Fragmentation-coagulation processes as limits of individual based models

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Addresses:

Professor J.-M. Morel, CMLA,
École Normale Supérieure de Cachan,
61 Avenue du Président Wilson, 94235 Cachan Cedex, France
E-mail: Jean-Michel.Morel@cmla.ens-cachan.fr

Professor F. Takens, Mathematisch Instituut,
Rijksuniversiteit Groningen, Postbus 800,
9700 AV Groningen, The Netherlands
E-mail: F.Takens@rug.nl

Professor B. Teissier, Institut Mathématique de Jussieu,
UMR 7586 du CNRS, Équipe “Géométrie et Dynamique”,
175 rue du Chevaleret,
75013 Paris, France
E-mail: teissier@math.jussieu.fr

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