

SYSTÈMES ALÉATOIRES INHOMOGÈNES,
GRANDES DÉVIATIONS ET LIMITES HYDRODYNAMIQUES

*Inhomogeneous Random Systems,
Large Deviations and Hydrodynamic Limits*



POLYTECHNIQUE

Mercredi 24 janvier 1996
9h-18h Amphi Carnot
Ecole Polytechnique, Palaiseau



- 9h - 9h15 : ACCUEIL
- 9h15 - 9h35 : **Jacques Magnen (Polytechnique)**: *Anderson model at weak disorder.*
- 9h35 - 9h55 : **Xian Yin Zhou (Bochum)**: *Localization of a random walk with random potential.*
- 9h55 - 10h40 : **Jean-Pierre Fouque (Polytechnique)**: *Waves in random media.*
- 10h40 - 10h50 : PAUSE CAFÉ
- 10h50 - 11h35 : **Balint Tóth (Budapest)**: *The 'true' self-avoiding (and other non-Markovian) random walks : limit theorems.*
- 11h35 - 11h55 : **Nicoletta Cancrini (Polytechnique)**: *Renormalization of a multiplicative noise.*
- 11h55 - 12h15 : **Pierre Mathieu (Marseille)**: *Diffusions in a Brownian random medium.*
- 12h30 - 14h15 : DÉJEUNER
- 14h15 - 15h : **Vincent Hakim (ENS Paris)**: *First-passage exponents in out-of-equilibrium domain growth.*
- 15h - 15h20 : **Errico Presutti (Rome)**: *Phase transitions with long but finite range interactions.*
- 15h20 - 15h40 : **Véronique Gayraud (Marseille)**: *On the retrieval phase of the Hopfield model.*
- 15h40 - 16h : PAUSE CAFÉ
- 16h - 16h45 : **Elisabetta Scoppola (Rome)**: *Metastability and first exit problem for Markov chains with exponentially small transition probabilities.*
- 16h45 - 17h05 : **Olivier Catoni (ENS Paris)**: *Legendre transform and the replica method : a new inequality for the Sherrington-Kirpatrick model.*
- 17h05 - 17h25 : **Krzysztof Topolski (Mons)**: *Influence of geometry of a rough substrate on wetting.*

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