

10º Encontro Regional de Probabilidade y Estadística Matemática (ERPEM 2014)

High dimensional phenomena in Probability, Statistics and Signal Processing

Programa Temático - Teoria da Probabilidade e Mecânica Estatística Rigorosa

IMPA, Rio de Janeiro, from 11/10 to 11/14

Program

Hour	Monday, 10	Tuesday, 11	Wednesday, 12	Thursday, 13	Friday, 14
10:00 11:00	Minicourse Alexandre Belloni High Dimensional Estimation: from foundations to Econometric models				
11:00 - 11:30	Coffee Break		Coffee Break	Coffee Break	
11:30 12:30	Contributed Communication Ricardo Misturini Metastability of reversible random walks in potential fields	Contributed Communication Roberto I. Oliveira (IMPA) The lower tail of random quadratic forms	Contributed Communication Bernardo Lima Embedding binary sequences into Bernoulli site percolation on Z^3	Special Talk Antônio Galves Retrieving a hidden context tree model from EEG signals	Contributed Communication Fábio Júlio Valentim Hydrodynamic limit for fast diffusion equation
12:30 - 14:00	Lunch		Free	Lunch	
14:00 15:00	Holger Rauhut Compressive Sensing with Structured Random Matrices	Emile Richard Some statistical results on structured array factorization problems		Afonso Bandeira Sharp nonasymptotic bounds on the norm of random matrices with independent entries	Joel Tropp Phase transitions in convex optimization problems with random data
15:00 - 15:30	Coffee Break			Coffee Break	
15:30 16:30	Afonso Bandeira Sharp nonasymptotic bounds on the norm of random matrices with independent entries	Emile Richard Some statistical results on structured array factorization problems		Holger Rauhut Compressive Sensing with Structured Random Matrices	Joel Tropp Phase transitions in convex optimization problems with random data
16:30	Cocktail				