

Conference program

June 6:

9:30-10:20 Y. Peres : Gravitational allocation to uniform points on the Sphere

Coffee break

11:00-11:50 O. Gurel-Gurevich : The power of two choices in point allocation

12:00-12:50 I. Manolescu : First order phase transition for the Random Cluster model with $q > 4$

Lunch

14:00-14:50 Y. Spinka, Long-range order in discrete spin systems in high dimensions

15:00-15:50 F. Caravenna, Marginally relevant polymer models in the critical window

Coffee break

16:20-17:10 R. Rhodes, Convergence 2d bosonic string theory

June 7:

9:30-10:20 W. Werner : On the relation between the values of κ for $SLE(\kappa)$ and the value of q for the Potts(q) models

Coffee break

11:00-11:50 C. Toninelli, Bootstrap percolation and Kinetically constrained spin models : critical time and length scales

12:00-12:50 P. Caputo, Cutoff at the "entropic time" for sparse Markov chains

Lunch

14:00-14:50 A. Ramirez : Velocity estimates for ballistic random walks in random environment at low disorder

15:00-15:50 T. Lupu, Improved isomorphism theorems for the continuum Gaussian free field in dimension 2

Conference dinner

June 8:

9:30-10:20 M. Aizenman : Planar graph zeta functions and symmetry breaking in classical and quantum spin systems

Coffee break

11:00-11:50 A. Giuliani: Haldane relation for interacting dimers

12:00-12:50 P. Tarres : Local time techniques and self-interacting random walks

Lunch

14:00-14:50 Y. Velenik, Potts model with a defect line

15:00-15:50 H. Lacoïn, Wetting and layering for Solid-on-Solid

Coffee break

16:20-17:10 R. Bauerschmidt : Fluctuations of the two-dimensional one-component Coulomb plasma

June 9:

9:30-10:20 G. Kozma : Irreducibility of random polynomials

Coffee break

11:00-11:50 B. Laslier : Hydrodynamic limit for a lozenge tiling reversible dynamics

12:00-12:50 B. Toth : Quenched CLT for random walk in doubly stochastic random environment

Lunch

14:00-14:50 G. Pete : Generalized Fourier spectrum and sparse reconstruction in spin systems

15:00-15:50 C. Hongler : Conformal Field Theory at the Lattice Level