Seminar/Talk

On Branching Random Walks in the transient regime

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Host: M. Beiglböck, N. Berestycki, L. Erdös, J. Maas, F. Toninelli, E. Schertzer

We consider branching random walks on the Euclidean lattice in dimensions five and higher.We plan to discuss a relationship between the equilibrium measure and Green's function, in the form of an approximate last passage decomposition.We will also discuss tail estimates of the local times for the branching random walk. Finally, we present a Spitzer's type formula relating Capacity and Branching Capacity, as well as a list of open problems.This is joint work with Perla Sousi and Bruno Schapira.Organiser:

Wednesday, May 10, 2023 03:45pm - 04:45pm
Mondi 2 (I01.01.008), Central Building

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