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## Phase Transition for Activated Random Walk Models

LEONARDO ROLLA

Département de mathématiques et applications (DMA)  
École Normale Supérieure  
45, rue d’Ulm  
Paris 75005  
FRANCE

leonardo.rolla@ens.fr

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We present the model of interacting activated random walks and consider some questions about its fixation. In particular, we prove phase transition in one dimension via the Diaconis–Fulton representation.

*This is joint work with V. Sidoravicius.*