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Random walk approximation for the stationary distribution of the open ASEP

Speaker: Dominik Schmid - University of Augsburg

Time: Thursday September 10, 16:00-17:00

Location: Room B308, Largo S. Murialdo 1 (Roma)

We investigate the structure of the stationary distribution of the open asymmetric simple exclusion process. More precisely, we show that the stationary distribution can be well-approximated by random walk measures. Our arguments rely on a recent characterization by Bryc of the stationary distribution as a two-layer Gibbs measure. Based on joint work with Zongrui Yang.