

Institute for Applied Mathematics, Bonn University

Oberseminar Stochastik

Thursday, 27 October 2022, 16:30

Lipschitz-Saal (LWK 1.016)

Dominik Schmid

Bonn University

Mixing times and cutoff for the simple exclusion process with open boundaries

The goal of this talk is to provide an overview on recent mixing time results for symmetric and (totally) asymmetric simple exclusion processes with open boundaries. We focus on whether the cutoff phenomenon, an abrupt convergence to the stationary measure, occurs.

This talk is based on joint work with Dor Elboim, Nina Gantert, Evita Nestoridi, and Allan Sly.