Limit shapes for interacting particle systems and their universal fluctuations Patrik Ferrari, Rheinische Friedrich-Wilhelms-Universität Bonn

We will discuss some interacting particle systems, which can be though also as randomly growing interfaces, that display a limit shape behavior. We will further explain the scaling theory of the fluctuations of the interface around the limit shape. The non-universal scaling coefficients are given in terms of properties of the limit shape.