JEREMY QUASTEL, Dept. of Maths., University of Toronto, 40 St. George, Toronto *Effect of Noise on Traveling Fronts in the Fisher–KPP equation*

KPP-type reaction-diffusion equations perturbed by noise have random traveling fronts. We compute the speed asymptotically for small values of the noise. As conjectured by Brunet and Derrida, the slowdown is as the inverse square of the logarithm of the noise, with an explicit constant.