

Inn'formal Probability Seminar

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"Some progresses on the roughening transition"

Abstract:

After a quick introduction of the Ising and solid-on-solid models, I will start by reviewing what is the roughening transition. Then, I will present what are the known rigorous results on this transition, as well as the main open problems. If time permits, I will discuss recent progress on this problem obtained in collaboration with F. Schweiger.