ILLIA BINDER, University of Toronto
Critical Interfaces and SLE: the rate of convergence

I will describe the general framework for establishing the polynomial rate of convergence of critical lattice interfaces to SLE curves. I will also discuss the applications of this framework to various planar models of Statistical Physics, such as Ising, Harmonic Explorer, and Critical Percolation. The talk is based on joint works with Larissa Richards (University of Toronto) and Dmitry Chelkak (École normale supérieure).