
CRAIG TRACY, University of California, Davis

Turbulent liquid crystals, KPZ universality and the asymmetric simple exclusion process

We review recent experimental work on stochastically growing interfaces and compare these results with the recent theoretical developments for the Kardar-Parisi-Zhang equation and the closely related asymmetric simple exclusion process. The emphasis in this talk will be on the underlying results in the asymmetric simple exclusion process.