WIMCS Probability Colloquium

Monday, 30 September, 4 pm, Faraday C

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On Brownian motion with darning for multiply connected planar domains

Abstract
Brownian motion with darning (BMD) is a kind of a reflecting Brownian motion but by regarding each of several disjoint subsets as a single point. In this talk, I shall explain a basic idea how to use BMD in the study of extending the SLE (stochastic Loewner evolution) from simply connected planar domains to multiply connected ones.