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Einladung
zum
Oberseminar Stochastik

Am **Dienstag, 18. Dezember 2018, um 16:15 Uhr im Seminarraum 3 (Raum 314)** des Mathematischen Instituts, Weyertal 86−90, 50931 Köln . Es spricht:

Mateo Wirth

(University of Pennsylvania)

zum Thema

Chemical distance for level-set percolation of planar metric-graph Gaussian free field

Abstract: We consider percolation of the level-sets of a metric-graph Gaussian free field on a box of the planar integer lattice. We provide an upper bound for the length of the shortest path joining the boundary components of a macroscopic annulus. The bound holds with high probability conditioned on connectivity and is sharp up to a poly-logarithmic factor with exponent one-quarter. This work is joint with Jian Ding.

Alle Interessenten sind herzlich eingeladen.

Die Dozenten der Stochastik