

Departments of Statistics and Mathematics BILLINGSLEY LECTURES ON PROBABILITY

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Random Phenomena and Conformal Invariance Within Fractal Gaskets

THURSDAY, April 16, 2015, at 4:30 PM Eckhart 133, 5734 S. University Avenue

Refreshments following the seminar in Eckhart 209

ABSTRACT

We will survey recent and ongoing development dealing with the existence of continuous random models within fractal carpets (of the Sierpinski-carpet type), the (mostly conjectural) role played by conformal invariance within these fractals, and the relation to the Schramm-Loewner evolution (SLE).

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