# THE UNIVERSITY OF CHICAGO

## 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).