

## **Shape continuity theorems in percolation.**

Eviatar Procaccia, University of California, Los Angeles

In this talk two different results with a single proof will be discussed. One is the continuity of the time constant, and wet area, of first passage percolation with respect to the law of the passage times (with possibly infinite passage times). The other is continuity of the isoperimetric constant, and the sets achieving it, of supercritical percolation with respect to the percolation parameter.