



Iowa Colloquium on
Information, Complexity, and
Logic

September 2017 Meeting

Location: Grinnell College in Noyce Science Center 2245

[Map of Grinnell College](#)

[Parking Map](#)

Time: Thursday, September 14 at 3:30 PM

Speaker: Donald Stull

Title: Effective Dimension of Points on Lines

Abstract: This talk will cover recent work using Kolmogorov complexity to study the dimension of points on lines in the Euclidean plane and its application to important questions in fractal geometry. In particular, we will show that this work strengthens the lower bounds of the dimension of Furstenberg sets. We will also discuss future research and open problems in this area.

Parking Information: Parking Lot I is recommended and located just south of 10th Avenue, across from the gym and pool. From there, follow the path south until you cross 8th and arrive at Noyce. Please park in the visitor spots, which are marked in red on the parking map.

If the visitor spots in Parking Lot I are full, please use Parking Lot D across the street in front of the tennis courts.