



Iowa Colloquium on  
Information, Complexity, and  
Logic

**April 5, 2018 Meeting**

**Location:** Iowa State University in Atanasoff Hall 223

[Map of Iowa State University](#)

[Parking Map](#)

**Time:** Thursday, April 5 at 3:00 PM

**Speaker:** Chris Porter

**Title:** Negligibility, depth, and algorithmic randomness

**Abstract:** In this talk I will discuss joint work with Laurent Bienvenu on deep  $\Pi_1^0$  classes, which are highly structured effectively closed classes with the property that it is difficult to compute initial segments of their members with high probability. Connections to algorithmic randomness will also be discussed.

**Parking Information:** It is recommended that visitors use the Memorial Union Parking Ramp.