Iowa Colloquium on Information, Complexity, and Logic

November 2018 Meeting

Location: Grinnell College in Noyce Science Center 2245

Map of Grinnell College   Parking Map

Time: Thursday, November 1st at 3:00 PM

Speaker: Tim McNicholl (Iowa State University)

Title: Effective metric structure theory

Abstract: We will survey recent work on extending the classical computable structure theory program to uncountable metric structures by means of the framework of computable analysis. Specifically, we will summarize results on degrees of categoricity, index sets, and computable presentability for metric spaces and Banach space, especially Lebesgue spaces.

Parking Information: Parking Lot J is recommended and located just south of 10th Avenue, across from the athletic center. Visitors can also park on the residential streets a block away from campus on Elm Street or 10th Avenue.