Hot Topic Short Course

Sublinear-Time Algorithms for Approximating Functions of Many Variables

Date: Friday, March 15th, March 22nd, March 29th, April 5th, April 12th, 1pm-3pm
Location: Wells Hall, C304

Instructor: Prof. Mark Iwen

Prof. Mark Iwen is an associate professor with a dual appointment in the Department of Mathematics and the Department of Computational Mathematics, Science and Engineering (CMSE) at Michigan State University. His research interests include computational harmonic analysis, mathematical data science, signal processing, and algorithms for the analysis of large and high dimensional data sets.

Want to know how you can numerically approximate functions of 1000-variables with provable accuracy guarantees? Join us in this short course on _Sublinear-Time Algorithms for Approximating Functions of Many Variables_. In particular, this course will explain a lot about how the magic of sparse spectral methods (above) works.