

Hot Topic Short Course

# Sublinear-Time Algorithms for Approximating Functions of Many Variables

Date: Friday, March 15<sup>th</sup>, March 22<sup>nd</sup>, March 29<sup>th</sup>, April 5<sup>th</sup>, April 12<sup>th</sup>, 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.**

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If you have any questions, please contact us via [mayanrui@msu.edu](mailto:mayanrui@msu.edu).



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