



## Colloquium Series



### Re-Imaging the World with Linear Algebra

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**Abstract:** When we use a camera, we want the recorded image to be an accurate representation of the scene that we see. However, in some situations such as photographing a moving object, what we obtain can be a blurred image. In image deblurring, we seek to recover the original, sharp image by using a mathematical model of the blurring process. In this lecture, we will see a brief introduction to the basic image deblurring problem and some linear algebra tools to address it.

**Keywords:** Applied Math, Linear Algebra, Image Deblurring.

Wednesday, April 13, 1:05 – 1:50 pm

For more info visit the [department website for the colloquium](#)