

*Department of Mathematics,
University of California San Diego*

Center for Computational Mathematics Seminar

Chris Deotte
UCSD

Artificial Intelligence and Image Recognition

Abstract:

We are currently witnessing an explosion of intelligent systems. The year 2012 is often cited as the beginning of the deep learning revolution which transformed the artificial intelligence industry. That year, many notable achievements were accomplished using deep neural networks, large training datasets, and powerful GPUs. In 2015, machine learning finally beat humans in classifying images after attempting for many years in the annual ImageNet competition. In this talk, we explain how deep neural networks work and show the progression of intelligent systems from the year 2000 until the present. We will focus on convolutional neural networks and image recognition tasks.

**Tuesday, October 30, 2018
11:00 AM
AP&M 2402**
