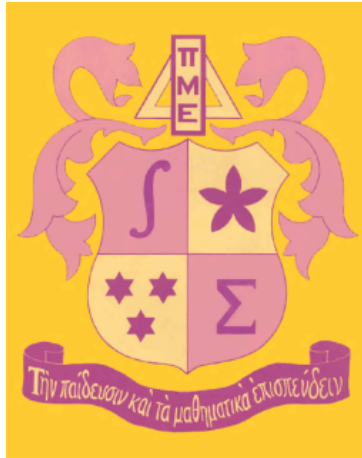


Pi Mu Epsilon

the mathematics honors society for university students



**Thursday, March 22, 2018
12:15-12:50 PM in Hume 201**

Professor Xin Dang

Estimation of Pi by Statistical Methods

Pi is probably the most recognized mathematical constant in the world. In this talk, I will begin by discussing some interesting facts about Pi and reviewing the history of Pi approximation. Then, after a brief introduction of statistical concepts, I will present two statistical techniques for estimating Pi, called respectively the *point* and *interval* methods. To demonstrate these contrasting methods, I will show simulations generated through the statistical software **R**.

See you Thursday!