

Data Science Seminar

Hosted by Department of Mathematical Sciences

- Date: Tuesday, April 4, 2017
- Time: 12:00-1:00
- Room: WH-100E
- Speaker: Guanhua Yan (CS at Binghamton University)
- Title: Fighting Malware with Big Data

Abstract

The voluminous malware variants in the cyberspace are responsible for a variety of online criminal activities. In this talk, I will present a big data approach to fighting malware. First, I will discuss how to develop a Neyman-Pearson classifier for classifying malware variants into their corresponding families with bounded false positive rates. Second, I will talk about how to label malware samples from AV (Anti-Virus) scanners' detection results among which there may exist conflicts.

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Last update: **2017/06/12 16:42**

