

**MICHIGAN STATE UNIVERSITY**  
Department of Statistics and Probability

# **COLLOQUIUM**

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## **Cosmetics, Spoof Attacks and Privacy: Biometrics in the Real World**

**Tuesday, December 4, 2018**

**10:20 AM - 11:10 AM**

**Refreshments 10:00 AM**

**C405 Wells Hall**

### **Abstract**

Biometrics is the science of recognizing individuals based on their physical and behavioral attributes such as fingerprints, face, iris, voice and gait. The past decade has witnessed tremendous progress in this field, including the deployment of biometric solutions in diverse applications ranging from national ID cards to smartphones. Despite these advancements, biometric systems have to contend with a number of challenges related to data quality, spoof attacks, and personal privacy. This talk will highlight some of the recent progress made in the field of biometrics; present our lab's work on makeup invariant face recognition, spoof detection, and biometric data privacy; and discuss some of the challenges that have to be solved in order to promote the widespread use of this technology.

*To request an interpreter or other accommodations for people with disabilities, please call the Department of Statistics and Probability at 517-355-9589.*