Department Colloquium
Mathematics and Statistics
York University

Date, Time, and Room

Monday February 3, 2025
1:30PM-2:30PM
Stong College 224

Speaker

Dr. Kelly Ramsay
York University

Title

Exploring Differential Privacy: Foundations, Challenges, and Key Research Directions

Abstract

This talk introduces the differential privacy framework, widely regarded as the current "gold standard" for safeguarding individuals' data privacy. Following a foundational overview, the talk will delve into critical research challenges within differential privacy, including the cost of achieving privacy, the interplay between privacy and measurement error, and the connections between robust statistics and privacy.

Refreshments in Ross N620 at 2:30PM

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