

# STUDENT SEMINAR

**PETER HURD-WATLER**

4TH YEAR BMGT/BA

UNIVERSITY OF LETHBRIDGE

**Title:** Blockchain and Voting: An Exploration into Elections Alberta's Voting System and How It Can be Improved with Blockchain"

**Abstract:**

All current election systems are littered with vulnerabilities and cannot be fully trusted. They urge us to ask, is democracy dead? Paper ballots and unsecure voting machines need to be replaced in order to create a trusted voting system and bring democracy back to life. In order to solve these problems, we made it a goal to research our current election systems and find a way to improve them. We found a potential solution to these problems in blockchain. For our study, we researched voters, organizations, and companies to understand how our election system works, what the important problems are within it, and how it could be improved with blockchain. We interviewed people working in organizations at the municipal, provincial, and federal levels. We decided to use Elections Alberta as a case study to adequately explain how an already-used election system can be improved with blockchain.

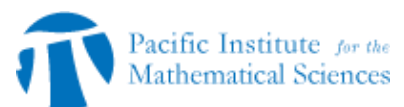
This presentation aims to explain the value of blockchain in reducing vulnerabilities in Alberta's voting process and how it can be used to create cheaper, faster, and more legitimate elections.

**WHEN**  
**FRIDAY, OCT 25**  
**12:00—12:50**

**WHERE**  
**C640**

**WHO**  
**ANYONE WHO'S**  
**INTERESTED**

**REFRESHMENTS**  
**DONUTS**



MATHEMATICS AND COMPUTER SCIENCE

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