

# Presentation Outline: Achieving Lock-Free Writes and Wait-Free Reads with Persistence

Kyle Thompson  
School of Computer Science  
Carleton University  
Ottawa, Canada K1S 5B6  
*kylejthompson@cmail.carleton.ca*

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## 1 Introduction

- Overview of presentation
- Discussion of potential impact

## 2 Current Methods

- Compare And Swap (CAS)
- Example: Queue

## 3 Persistence

- What is a persistent data structure?
- How to make data structures persistent
- Example: Red-Black trees

## 4 How it fits together

- Atomic extra pointer

## 5 Conclusion

- Wrap up
- References