

# Robust Positioning Algorithms for Distributed Ad-Hoc Wireless Sensor Networks

ECE 7360

FISP(Optimal and Robust  
Control)

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# Presentation Outline

- Background
  - **Why I chose this topic**
  - The Positioning Problem within Ad-hoc Sensor Networks
  - Geometric interpretation
  - Two phase algorithm
  - Terrain algorithm
  - Hop Terrain algorithm
  - Refinement algorithm
  - Simulation Results
  - Obstacles to Accuracy
  - Areas for future improvement
  - Conclusion
- Papers Reviewed
  - Robust Positioning Algorithms for Distributed Ad-Hoc Wireless Sensor Networks by Chris Savarese

# Plume Detection using wireless sensor networks.

