### Introduction

**Distributed data processing and dissemination in opportunistic mobile phone sensor networks.**

![Diagram of data dissemination in mobile phone networks](image)

### Objectives

- Network Protocols
- Distributed Data Processing

### Setup

**Random Shortest Path Map Based Movement with LAMPOSTS, BUSSES, CARS, and PEDESTRIANS in the map of Enschede city.**

![Random shortest path map](image)

### Acknowledgements

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### Simulation Results

**UNIFIED vs. First Contact (FC), Spray and Wait (SnW), Epidemic, and Prophet**

![Graphs comparing algorithms](image)

**UNIFIED investigation.**

![Graphs showing delivery performance](image)

### Conclusions and Future Work

**Data Dissemination:**

- **UNIFIED**: lightweight, scalable, reliable.
- Combination of Stochastic and Context-based.
- Location-based online learning routing for rare event detection.

**Experiments on smart phones + Arduino + XBee**

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**References**


