Week 3

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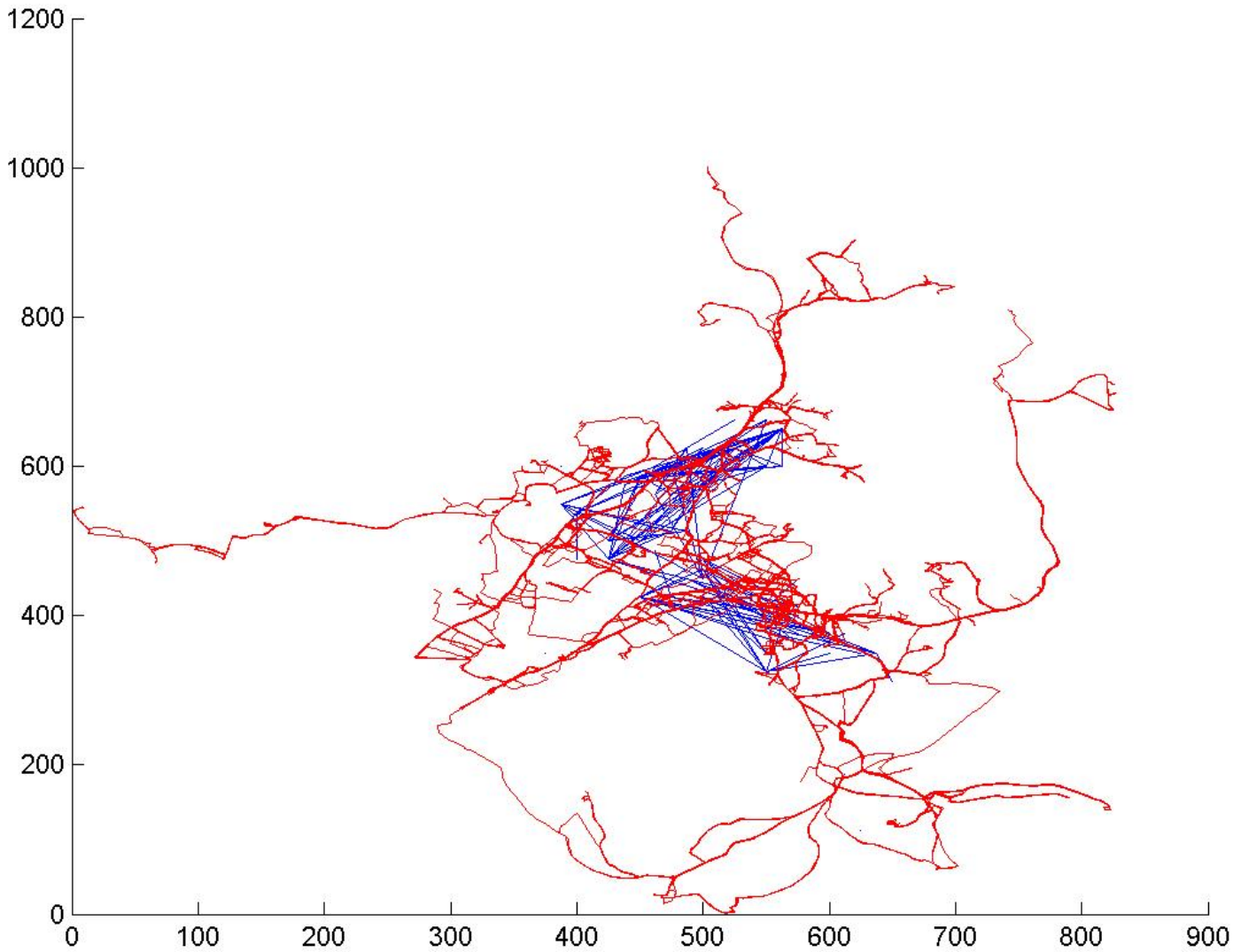
Center for Research in Computer Vision
University of Central Florida

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Overview

- Data Collection
- Nanni-Pinelli Code
- Quantitative Measures
- Future Code Modifications

Nanni-Pinelli Code



Quantitive Measures

- Trajectory measures
  - Euclidean
  - PCA
  - DTW
  - LCSS
  - Hausdorff
  - PF
  - Edit
  - DistQ
- Pattern Measures
  - Use representative trajectory?
  - Minimize intra-cluster distance?

Code Modifications

- Completed Modifications
  - Connecting angle both ways
  - Join overlaps
  - Reachability Criterion
- Future Modifications
  - Global reachability condition
  - Multiple clustering iterations
  - Efficiency Improvement

