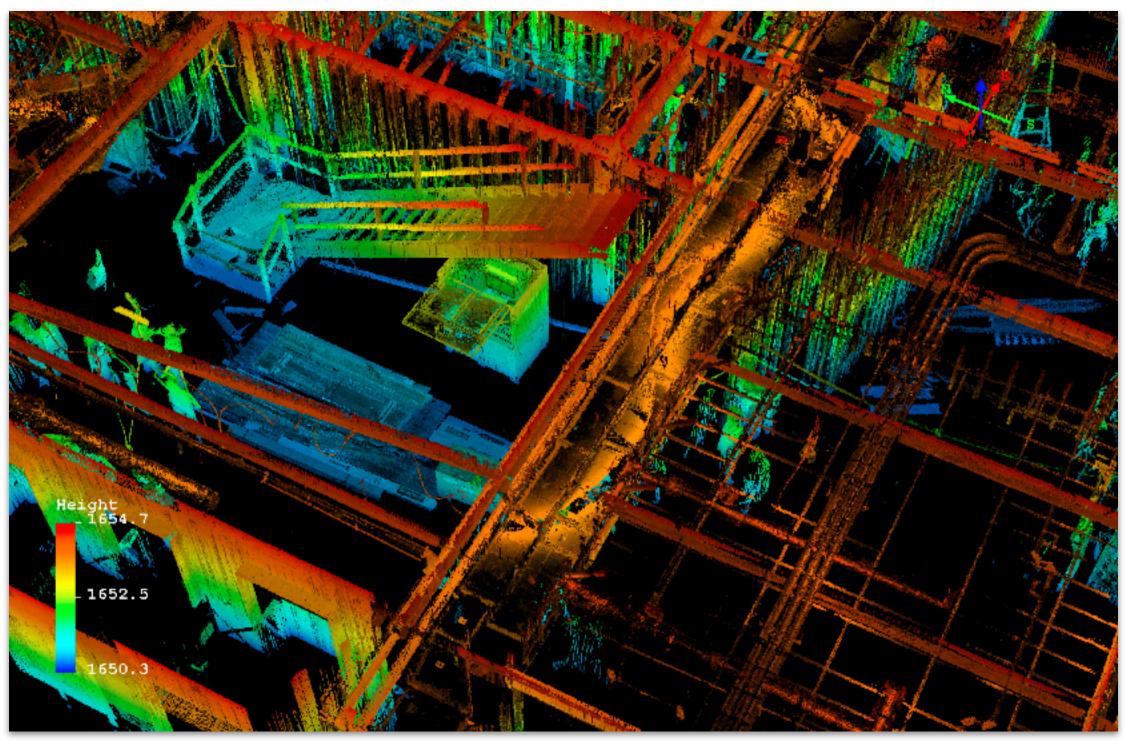
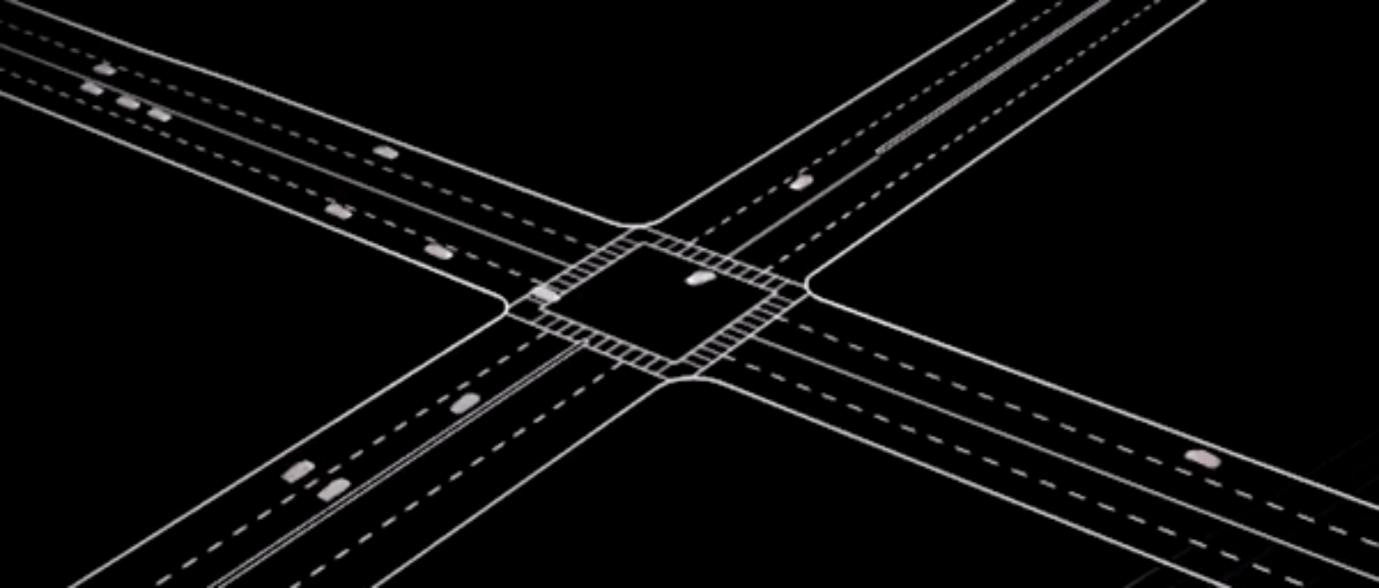


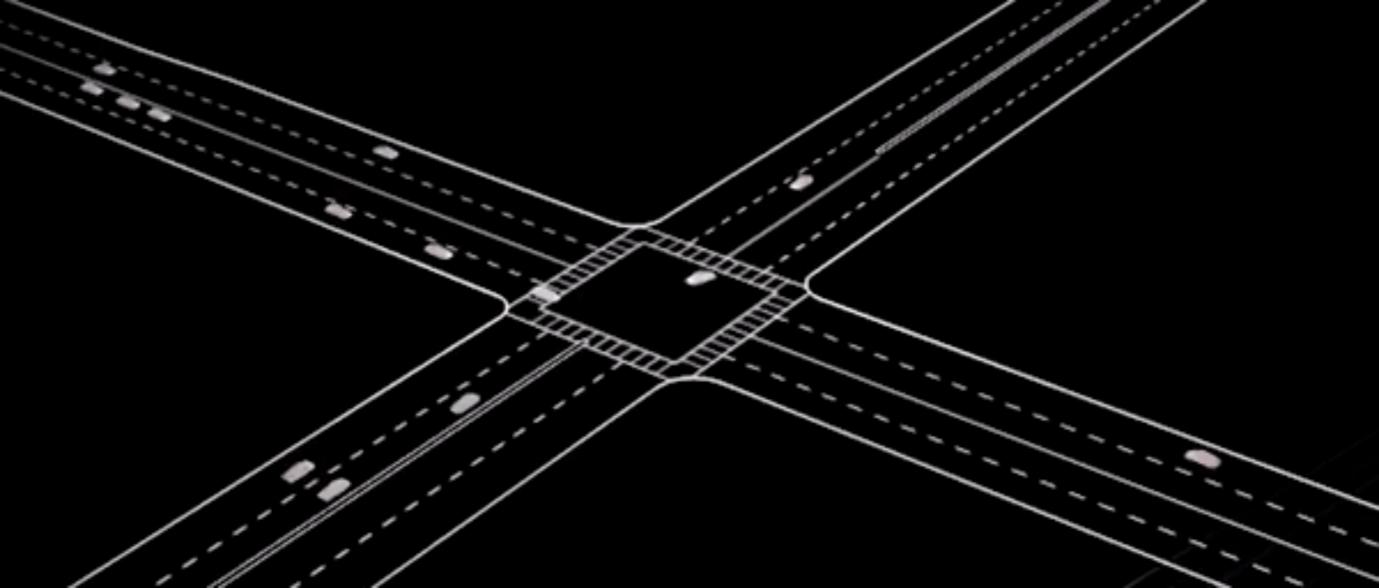
### Motivation



#### Collaborative Search & Rescue

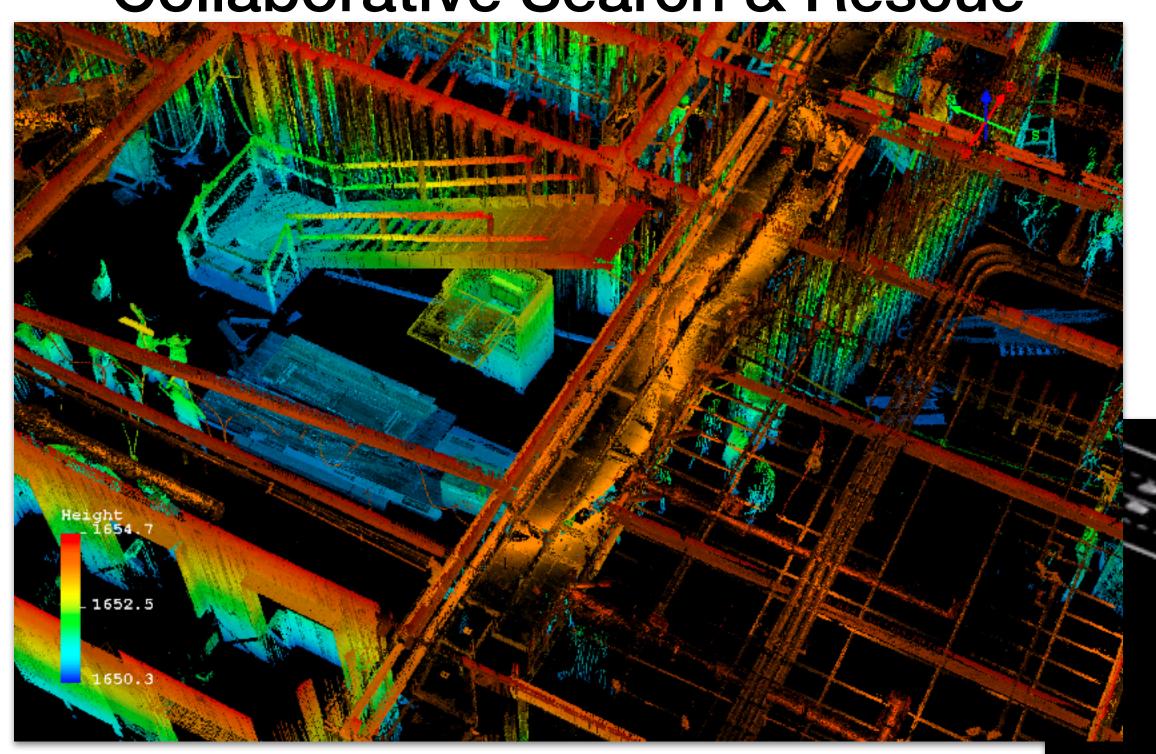
#### Collaborative Self Driving





## Motivation

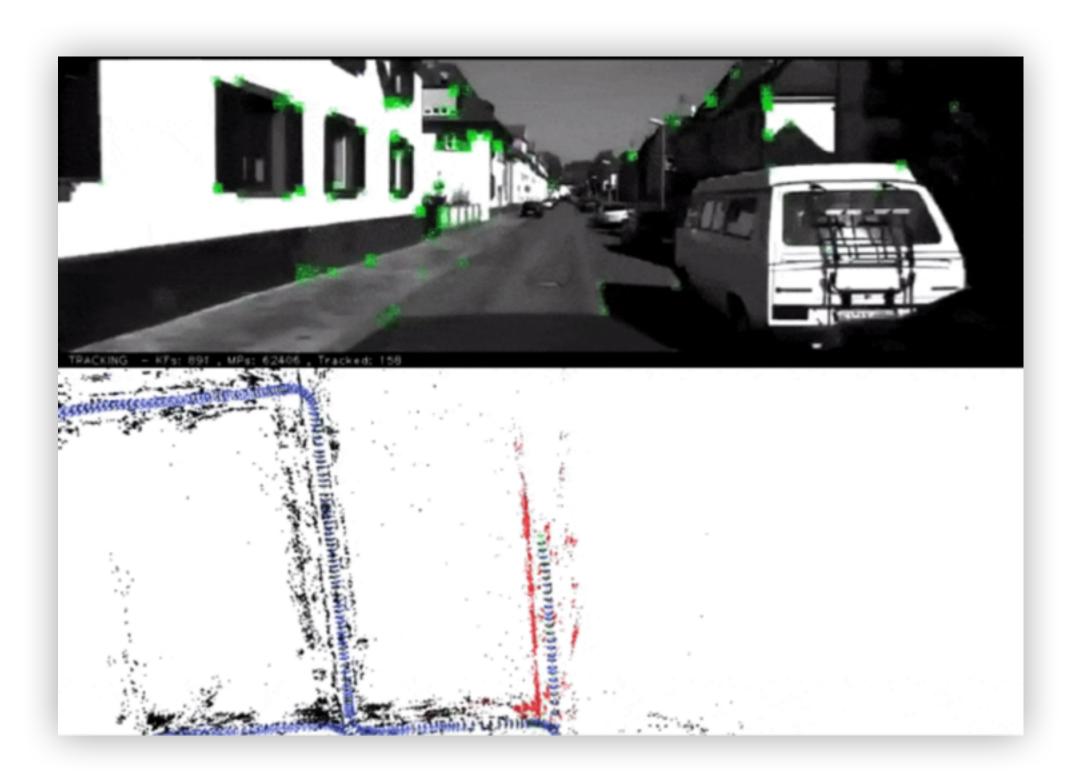
Collaborative Search & Rescue



Collaborative Self Driving

# Starting Point: ORB-SLAM 3

ORB-SLAM3 as foundation (cutting edge single agent slam)



#### "Cutting Edge"

- Doesn't compile
- 50,000+ lines of spaghetti c++
- Multithreaded
- No memory management