

ENGIN492, Senior Design Weekly Meeting #12

Meeting Minutes

04/14/2021 15:30 – 16:40

CM/TM: Dr. Honggang Zhang
Students: Zhuoming Huang, Alinson Sanquintin

- **Agenda**

1. Preliminary poster and video

- **Notes**

1. Components for the second set of raw data collecting equipment have arrived.
2. Poster
 - a. added privacy-preserving to motivation of public monitoring
 - b. added autonomous driving as a motivation
 - c. in data validation, add the entire process: raw data image -> final image -> 3d image
3. parallel computing
 - a. Use computer cluster to run MATLAB program for generating sample data with different CAD models (38 CAD cars provided by Haw)
4. Pick a time for flight test as soon as possible

- **List of Actions**

1. Build the second set of raw data collecting equipment
2. Test interference caused by multiple radar sensors
3. Register an account at GHPCC, running MATLAB program in parallel.
 - a. Registration for an account: <https://www.umassrc.org/hpc/index.php>
 - b. General wiki - information about job submission is here: https://www.umassrc.org/wiki/index.php/Main_Page
 - c. Information specific to MATLAB Parallel Computing: <https://www.umassrc.org/wiki/index.php/MATLAB>

- **Preliminary Agenda for Next Meeting**

1. Interference test with multiple radar sensors
2. GHPCC account