

# Senior Design Weekly Meeting #9

## Meeting Minutes

11/02/2020 15:30 - 16:20

CM/TM: Dr. Honggang Zhang

Students: Zhuoming Huang, Lucas Lomba, Yue Sun, Alinson Sanquintin

- **Agenda**

1. Experiment related
2. Other updates

- **Notes**

1. Experiment related
  - a. Slider is set up with a 12V stepper driver, worked but not smooth enough.
  - b. Will use the slider to take 64 snapshots in vertical direction to generate a new set of intensity images.
  - c. Try averaging the 128 chirps to improve the range-fft (all chirps are static can be considered as doppler-0 bin)
  - d. Test slider horizontally
2. Other updates
  - a. New meeting schedule: Wednesday 3:30pm – 4:30pm (Lucas is not available on Monday)

- **Follow-up**

1. Ordered second slider.
2. The intensity images with range-fft before angle-fft did not represent the scenario properly.