

Team Shock'em Meeting Minutes

Time: 4:00pm – 5:00pm

Date: 10/17/2019

Location: 205F Range Room

Attendance: Austin Grieve

Samantha Baran

Xuyue Gu

Ziqing Zhu

Lauren Smith

Feng Li

Mohamed Hefeida

Dr.Karl

Topics of Discussion

Looking back on last week's work

- a. order slightly smaller transformers and use Austin's circuit, focus on actually doing location in the nanotrons
 - b. Dr.shih think the distance is a good way to go and give us some suggestions.
 - c. Peter brought the nanotrons to the drone lab by testing, nanotron can accurately show the distance directly in the computer
 - d. Zean wants the beacons can be moved, so the beacons have to be self-located, we think we can through a little GPS on the each one so they can pin the location once set as the memory reference on the lab.
 - e. Secondary set off the nanotron radio they are on the beacons and they defined the boundary. These need the GPS.
 - f. How many the channels of the radio that the nanotron have? 2.4GHz
- How to distinguish the different cows with different ID?
At first, only focus on one cow.

To do

- a. find the 3D measure methods.
 - b. the program called 'eagle'
 - b. rebuild the transformer
 - c. figure out how to connect the node to the nanotron
- and get that started