

Minute 9

Date: 26.05.2021

Present: All

Meeting Purpose:

- Filter and calibrate data so that all modules can use successfully
- Adjust mapping so that gap is identified correctly
- Check for obstacles while user is walking using serial
- Read obstacle distance

Progress:

- Intended and actual elevation angles sent to enable gap finding
- Mapping updated to find only gaps at each elevation, method of comparison in progress
- Character read from serial and check obstacles

To Do:

- Find viable gaps with a defined tolerance and width (front on only) with proper filtering
- Check obstacles while walking, matlab read obstacle distance
- Inclined PTU case
- Clean up accelerometer readings

Next Meeting:

- 27.05-> In lab meeting