**EE4953 – EE/CpE Capstone – Laser Show Team – Meeting Minutes**

**Location:** Stocker Center Rm 326 (EECS Essman Conference Room)

**Date:** 6th February 2023

**Time:** 15:00 - 16:05 ET

**Attendance:** Drew Edmonds, Ian Gant, Aditya Sahi , Dan Allwine, Dominic Benintendi

**Not Attending**: Tianyi Cai (Absent due to prior commitment)

**Discussion:**

1. Dan-
   1. Have a slide number, identify specific things and things you have problems with.
   2. Is 20 kpps enough
   3. Signaling rate for the laser diode. What it needs to be or the time it takes.
   4. Make sure not to go to the unsafe region of the laser.
   5. Audio options are good and should be able to drive
   6. Power Supply: make sure everything is enclosed, AC mains
   7. Hardware Flow: expand on things when we go to detail design.
   8. Finding risks and strategy until something sufficient is found
   9. Galvo bias: could be the sensitivity, or could have a scaling factor to tune into each one
   10. Management: expand the roles a little bit and describe them( like a sentence or two)
   11. Intellectual Property: IP strategy, who owns what, define what the rules are,
   12. Summary: Confidence level assessment: does not disagree on 8/10 so keep it up
   13. Couple of things: design choices to be assessed. Overall well beyond PDR. If submitted, by the end of the week, it should work great.