

Advisors: Mani Mina, John Pritchard **Client:** Minnetronix

Members (roles): Brandon McDonnell (Group Lead); Justin Long (Web Master), Timothy Dee (Key Concepts)

Project: Remotely Connected Electric Field Generator for Particle Separation in a Fluid

Weekly Summary

We continued our work this week on getting the amplifier circuit to work and also on being able to get the simulation to work so that we could get a better understanding of where our errors are coming from and what is going on with our circuit. We did not make much progress this week and spent a lot of time working on the simulation and circuit itself. We plan to seek help and continue working to quickly finish the circuit and simulation and move onto finalizing the PCB board and getting closer to a finished project.

Weekly Notes

MOSFET's not working as well as we would like/they will not work how we thought they would.

Pending Issues

Finish the amplifier circuit ASAP

Simulation won't behave like it should so figure out where irregularities and unexpected results coming from

Plans For Next Week

Seek help with the amplifier circuit to hopefully get a fully working circuit soon

Individual Contributions

Total Contributions

Brandon McDonnell	10hrs	76hrs
Tim Dee	10hrs	79hrs
Justin Long	10hrs	69hrs