

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 did not spend as much time on the project this week because of outside work going on, however this weekend we were able to get a working version of the amplifier circuit to behave how we wanted it to. The little amount of time we did spend during the week was on the testing of the circuit and attempting to fine tune the circuit and get the results we are attempting to achieve, but we did not have much luck during the week.

Weekly Notes

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

Working version of circuit achieved later during the weekend

Pending Issues

Finish the control of the circuit so that everything can be controlled by the webserver

Plans For Next Week

Once control code is finished, finalize simulation and then start the PCB process to finish up the amplifier circuit

Individual Contributions

Total Contributions

Brandon McDonnell	3hrs	79hrs
Tim Dee	8hrs	87hrs
Justin Long	3hrs	72hrs