

**Week 10 Overview:**

November 1: Discussing as a team, we have come to the conclusion that the solder wave, technique is too costly of a process to add to our current solution.

November 2: Nick and Argho have started designing the circuit using Eagle; a CAD software that allows schematic design of printed circuit boards. Using Dr. Hengen's current design as a template, a new circuit can be constructed. We must agree amongst ourselves to see if any resistive or capacitive elements should be included to filter noise out of the signal, downstream. Michelle has continued to work with CAD software to develop a replacement jig for Dr. Hengen's team. For this upcoming week, it was decided that we should use team time to decide the best method for connecting the carbon fibers to the via on our printed circuit board. We had discussed several possible processes that could be employed for this, but have yet to agree on a single idea. Though testing will keep this process fairly flexible, we hope to cover ground on this front.